ANNUAL REPORT
OF THE
DEPARTMENT OF HIGHER EDUCATION

20

1997-98

सत्यमेव जयते

DEPARTMENT OF HIGHER EDUCATION

GOVERNMENT OF WEST BENGAL

1998

ANNUAL REPORT

OF THE

DEPARTMENT OF HIGHER EDUCATION

1997-98

Library
Calcutta
25/3, B. C. Road

सत्यमेव जयते

DEPARTMENT OF HIGHER EDUCATION

GOVERNMENT OF WEST BENGAL

1998

ANNUAL REPORT OF THE DEPARTMENT OF HIGHER EDUCATION, 1997-98

R
C2

July, 1998

© Government of West Bengal

I.G.N.O.U. LIBRARY
Date 9883
Acc. No. 30.7.99

Published by Shri Hirak Ghosh, I. A. S., Principal Secretary
Department of Higher Education
Government of West Bengal
Bikash Bhavan, Salt Lake City
Calcutta–700 091

Printed at Basumati Corporation Limited
(A Govt. of West Bengal Undertaking)
166, B. B. Ganguly Street
Calcutta-700 012
Tele : 350-9462

FOREWORD

It is a matter of pleasure that the Sixth Annual Report of the Higher Education Department, Government of West Bengal is being published. This is a status report on the different institutions working in the field of higher education in the state. In addition, it highlights the achievements of the Government in broad terms during 1997-98, with emphasis on policies, programmes and their implementation.

I take this opportunity to enumerate some of our efforts. The main thrust of our policy has been on the qualitative improvement in the field of higher education scenario—not only in the upgradation of classroom, library and laboratory facilities, but also in creating an optimum ambience for teacher-student interaction. Secondly, we are following a policy of decentralisation of higher education by establishing new colleges in the remotest corners of our state. Thirdly, we are continuing our effort of diversification of the subject composition of the colleges by introducing modern subjects (e. g. Computer Science, Electronics, Molecular Biology, Journalism, Sociology and Physical Education), while keeping a balance with the traditional ones. Fourthly, we are encouraging introduction of vocational subjects that may generate job opportunities together with the prospect of self-employment. Fifthly, the relevance of Engineering and Technological education is emphasized so that adequate number of qualified technical personnel can be generated to uphold the continuing development programmes of our state and the country as a whole. Sixthly, we also have a policy to focus on the optimum utilisation of all the available resources for all-round development of higher education ; as such, we encourage exploration and mobilisation of any internal resource to stand self-sufficient. Finally, it is iterated that improvement in higher education cannot be achieved without proper accountability, at all stages, of those involved in this field.

In pursuance of the policies mentioned above, the Netaji Subhas Open University has been established to provide opportunities of higher education to all those who cannot be accommodated in conventional institutions owing to socio-economic conditions or other limitations and to those who are employed, housewives or just wishing to upgrade their knowledge. It will serve even the remote areas through correspondence, mass media and study centres.

Three new degree colleges have been established in different parts of the state to bring higher education to the door-step of the people. Side by side twenty-six new subjects in Arts and Science streams (Pass and Honours) have been granted administrative approval to fourteen colleges. Post-graduate courses in two subjects have been introduced in two Government Colleges. Vocational subjects such as Computer Applications, Tax Procedures, Advertisement and Tourism and Travel Management are being introduced to increase the relevance of education to employment, including self-employment. At the same time, steps have been taken to expand and strengthen Engineering and Technological Education. A new engineering college—'Institute of Engineering and Management' at Salt Lake, Calcutta has started admitting students. Post-graduate course has been introduced in the Bengal Engineering College (Deemed University). Financial grants have been provided to the various types of colleges and institutes for renovation and new construction of buildings.

This report does not include the result of other efforts that are aimed at improving the quality of education. Even then I hope this report will be found useful.

S. Chakraborty.

(Satyasadhan Chakraborty)
MINISTER-IN-CHARGE
HIGHER EDUCATION DEPARTMENT

Bikash Bhavan
Salt Lake
Calcutta–700 091

TABLE OF CONTENTS

		Page
	FOREWORD	iii
	HIGHER EDUCATION IN WEST BENGAL AT A GLANCE	1–3
CHAPTER I	ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT	5–14
	Administrative set up	
	Functionaries in the Department of Higher Education	
CHAPTER II	MAIN ACTIVITIES AND ACHIEVEMENTS DURING 1997-98	15–32
	Introduction	
	Policies	
	Allotment in the education budget	
	Establishment of new colleges	
	Affiliation of new teaching subjects in Colleges	
	Technical Education	
	University Education	
	Non-Government Colleges	
	Government Colleges	
	State Archives	
	District Gazetteers	
	West Bengal State Council of Higher Education	
	West Bengal College Service Commission	
	Social Education Branch	
	Scholarship and Stipend Section	
	Physical Education	
	State Budget	
CHAPTER III	HIGHER EDUCATION DURING THE LEFT FRONT RULE	33–38
CHAPTER IV	ENGINEERING AND TECHNOLOGICAL EDUCATION	39–58
	Engineering and technological colleges	
	Bengal Engineering College (Deemed University)	
CHAPTER V	UNIVERSITIES	59–156
	General Information	
	Calcutta University	
	Jadavpur University	
	Rabindra Bharati University	
	Vidyasagar University	
	Burdwan University	
	Kalyani University	
	North Bengal University	
	Netaji Subhas Open University	
	West Bengal University of Animal and Fishery Sciences	
	Indian Institute of Technology, Kharagpur	

CHAPTER VI IGNOU AND OTHER UNIVERSITIES 157–174
IGNOU
Institutes of Importance
Other Universities in West Bengal
Correspondence Courses in Universities
Visva-Bharati

CHAPTER VII COLLEGES 175–190
General Information
Government Colleges
Non-Government Colleges.
Games and Sports in Degree Colleges
Hostel facilities in Colleges.

CHAPTER VIII PROFESSIONAL COURSES 191–206
Teacher's training
Physical Education
Art Education
Law Education
Computer Education
Business Management
Music
Commercial Education

CHAPTER IX ADMINISTRATION AND MANAGEMENT OF COLLEGES 207–222
(GOVERNMENT AND NON-GOVERNMENT)
Government Colleges
Non-Government Colleges
I. A. S. & W. B. C. S. Coaching Centres
Extension of affiliation of new subjects

CHAPTER X ACTIVITIES OF GOVERNMENT WINGS, ACADEMIES AND INSTITUTES 223–236
Netaji Institute for Asian Studies
Institute of English
West Bengal District Gazetteers
West Bengal State Archives
West Bengal State Book Board
Institut de Chandernagor
Paschim Banga Hindi Academy
National Service Scheme
National Cadet Corps
Miscellaneous Activities
Joint Entrance Board

CHAPTER XI	DAY STUDENTS' HOMES	237–244
CHAPTER XII	RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS	245–260
	Socio-Economic Research Institute	
	Paschim Banga Itihas Samsad	
	Institute of Historical Studies	
	Indian Association for the Cultivation of Science	
	Bangiya Bigyan Parishad	
	Jagadish Bose National Science Talent Search	
	Ramkrishna Mission Institute of Culture	
	Indian School of Social Sciences	
	Academy of Fine Arts	
	APPENDICES	261–333
APPENDIX I (A)	SUBJECT CODE	263
APPENDIX I (B)	COLLEGES AND SUBJECTS AND DECADAL GROWTH OF COLLEGES	264–290
APPENDIX II	FUNCTIONARIES (DEPARTMENT OF HIGHER EDUCATION)	291
APPENDIX III	TELEPHONE INDEX	292–293
APPENDIX IV	PURASKAR	294–295
APPENDIX V	ENROLMENT IN COLLEGES	296–324
APPENDIX VI	STATE BOOK BOARD : LIST OF PUBLICATIONS	325
APPENDIX VII	U. G. C. LIST OF FAKE UNIVERSITIES	326
APPENDIX VIII	VOCATIONAL SUBJECTS	327–330
APPENDIX IX	J.B.N.S.T.S. SENIOR SCHOLARSHIP WINNERS	331–333

Inauguration Ceremony of the Second Campus, College of Leather Technology, Salt Lake, Calcutta

Second Campus of College of Leather Technology, Salt Lake, Calcutta

Inauguration of Vidyasagar Chatrabas, Kalyani Engineering College

Library Building, Vidyasagar University

Girls' Hostel, Vidyasagar University

Inauguration Ceremony of 'Dhananjoy Mukta Mancha'

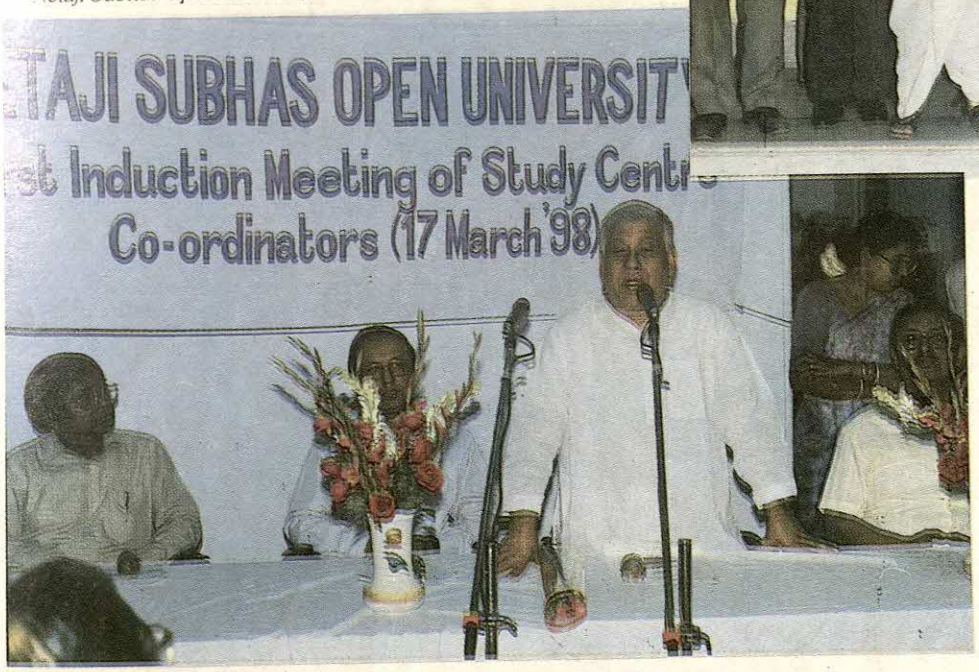
Students in the reading room of Ramkrishna Day Students' Home

Government Engineering College, Jalpaiguri

Netaji Subhas Open University

Inauguration Ceremony of Netaji Subhas Open University

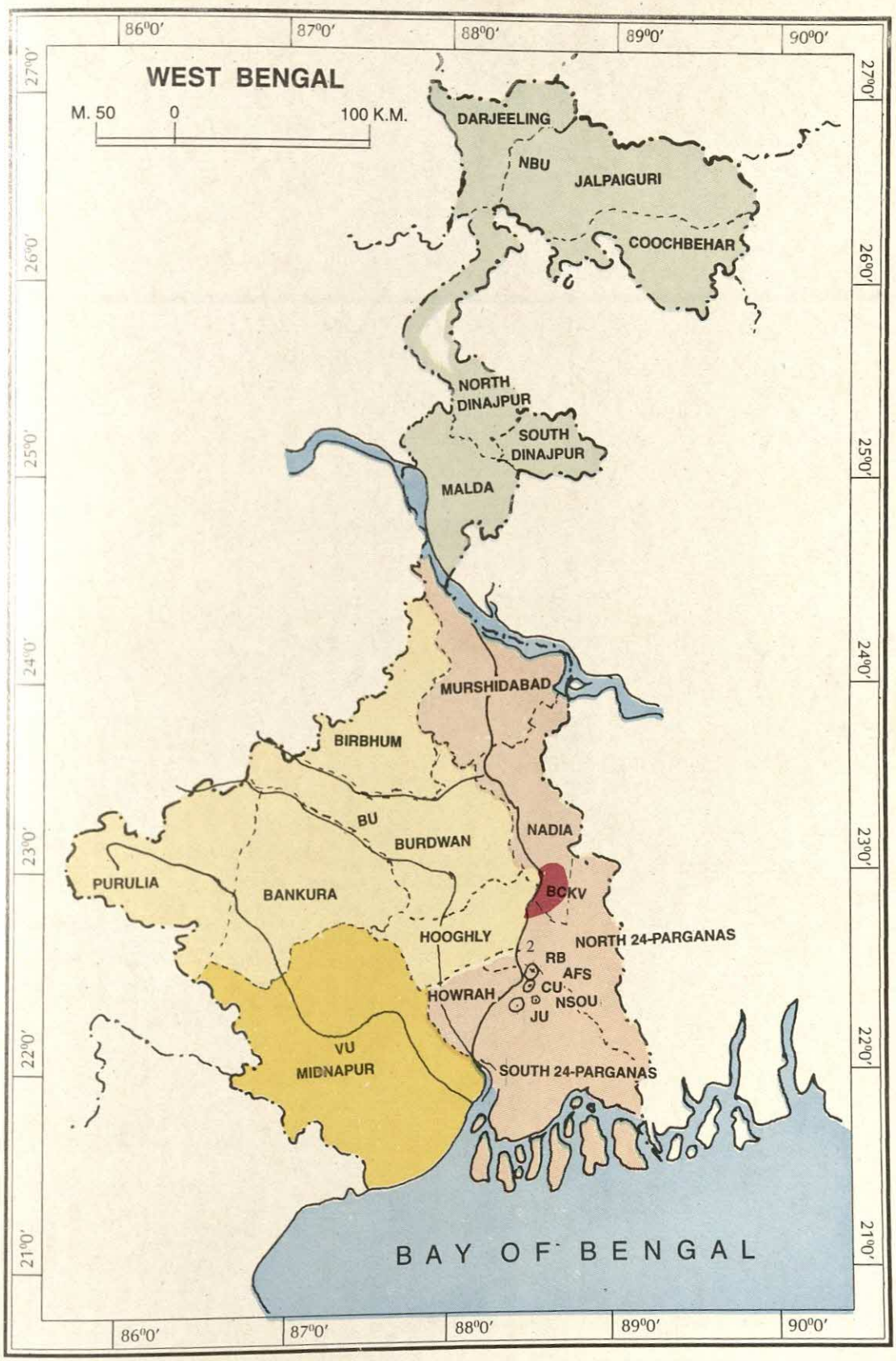
First Induction Meeting of Study Centre Co-ordinators of Netaji Subhas Open University



New Building of State Archives, Shakespeare Sarani

Darbhanga Building of University of Calcutta to be repaired with a grant of Rupees two crore from Government of West Bengal

TERRITORIAL JURISDICTION OF THE STATE UNIVERSITIES



CU–Calcutta University–Territl. Jurisdn.–
JU–Jadavpur University

NBU–North Bengal University–Territl. Jurisdn–

KV–Kalyani University–Territl. Jurisdn.–

BCKV–Bidhan Chandra Krishi Viswavidyalaya
BU–Burdwan University–Territl. Jurisdn–

VU–Vidyasagar University–Territl. Jurisdn–

R.B.–Rabindra Bharati–Territl. Jurisdn.–All the Districts in Respect of Fine Arts & Visual Arts

AFS–West Bengal University of Animal and Fishery Sciences

NSOU–Netaji Subhas Open University

HIGHER EDUCATION
IN
WEST BENGAL
1997-98

at a glance

Minister-in-Charge
Prof. SRI SATYASADHAN CHAKRABORTY

Principal Secretary
SRI HIRAK GHOSH, I. A. S.

Director of Public Instruction & Ex-officio Secretary
Dr. P. K. GANGULY

STATUS POSITION

University	No. of Deptts.	No. of Faculties	No. of Teachers	Total No. of Colleges	Total No. of Degree Colleges
Calcutta (1857)	52	9	445	219	174
Jadavpur (1955)	31	3	738	03	—
Bardhaman (1960)	35	3	232	91	75
Kalyani (1960)	20	3	129	06	03
North Bengal (1962)	14	2	166	55	48
Rabindra Bharati (1962)	23	3	145	54	01
Vidyasagar University (1981)	18	2	85	41	32
Deemed University Status— B. E. College, 1992	16	2	220	01	—
Netaji Subhas Open University (1997)					

Total : State Controlled—8 ; Deemed University—1 ; Other Departments—2 ; (Bidhan Chandra Krishi Viswavidyalaya ; West Bengal University of Animal and Fishery Sciences) ; Central University–2 (Visva-Bharati ; Indira Gandhi National Open University).

Institution of National Importance : ASIATIC SOCIETY

University Status : INDIAN INSTITUTE OF TECHNOLOGY
INDIAN STATISTICAL INSTITUTE
INDIAN INSTITUTE OF MANAGEMENT

Important Research Institutions :
BOSE INSTITUTE
INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
SAHA INSTITUTE OF NUCLEAR PHYSICS

West Bengal State Council of Higher Education—Planning & Co-ordination in the area of Higher Education.

West Bengal College Service Commission—Empanelment of 1200 candidates in 28 Subjects for recommendation & conduct of SLET Examination ; Placement of recommendation of more than 50 Principals for Non-Government Colleges

Government Degree Colleges—17 ; Non-Government Degree Colleges—310, Other Colleges—48 ; All Total—375 (as on 31.3.98)

New Colleges established since 1977 : Degree Colleges—86 ; Technological/Engineering Colleges—03 ; B. Ed./Physical Education Colleges—04

New Colleges established since 1992 : Degree Colleges—21 ; Engineering—03 ; Deemed University Status—01.

New Colleges established since 1995 : Degree Colleges—10 ; Engineering Colleges—03

New Universities since 1977 under different Government Departments—03

TECHNICAL EDUCATION

Deemed University : B. E. College

4 Engineering Colleges

4 Technological Colleges (increase in intake capacity, new construction & new subjects, M. Sc., Tech. in Serampore Textile Technology College and AICTE approval for PG in Ceramic Technology)

A new engineering College has been established at Salt Lake City, Calcutta

Establishment of new Colleges in 1997-98 :—Bhangar Mahavidyalaya, S. 24-Pgs., Chandraketugarh Sahidullah Smriti Mahavidyalaya, Deganga, N. 24-Pgs, Pakuahat College, Malda

NEW AFFILIATION OF SUBJECTS FOR DIVERSIFICATION AND DECENTRALISATION SINCE 1994

1994–95	B.A./B. Sc./B. Com.	...	109
1995–96	B.A./B. Sc./B. Com.	...	291
1996–97	B.A./B. Sc./B. Com.	...	509
Vocational	...	...	06
1997–98	B.A./B. Sc./B. Com.	...	26
P. G. Level		...	02

New Emerging Science Subjects :

Computer Science (P & H) ; Electronics, Molecular Biology ; Seed Technology, Microbiology etc.

P. G. Courses introduced

Geology—Presidencey College, Calcutta

Physiology—Hooghly Mahsin College

District Gazetteers : Publication & Reprint of 5 Gazetteers on different districts & Reprints of 2 District Gazetteers & 3 Districtwise volumes.

Rabindra Rachanabali : volumes published—Total 15

Acquirement of Heritage buildings associated with memories of :

• ISWARCHANDRA VIDYASAGAR • NETAJI SUBHAS CHANDRA BOSE • SWAMI VIVEKANANDA • RAJA RAMMOHAN ROY • RISHI BANKIM CHANDRA CHATTOPADHYAY • MAULANA ABUL KALAM AZAD. • THE DUPLEIX PALACE AT CHANDERNAGOR.

I.A.S., W.B.C.S. & Misc. Exam. Coaching Centres : Maulana Azad College (Minority etc.) ; Asutosh College, Basanti Devi College, Presidency College, Institute of Social Welfare and Business Management, Dinabandhu Andrews College

Puraskars : Rabindra Smriti Puraskar	:	Sri Kumar Prasad Mukhopadhyay, Sri Rabin Bal
Bankim Smriti Puraskar	:	Sri Gunamoy Manna
Vidyasagar Smriti Puraskar	:	Sri Nirod. C Chowdhury
University Grants Commission	:	Eastern Regional Office : Jadavpur University 2nd Complex, Salt Lake City
Scholarships and Stipends Released	:	National Scholarships at Post Madhyamik, Post H. S. & Post U. G. Studies
	:	National Scholarship for Teachers' Children ;
	:	Hindi Scholarship (Post Matric)—Total more than 2000
	:	D. P. I's Special Stipend } —500
	:	Mahsin Trust Funds } —500
	:	Nizamat Stipend } —500
National Scrvice Scheme	:	A State Level Committee under the MIC, Higher Education
	:	Participation of 30,000 Students
	:	Special Camping Programmes
	:	National Integration
State Archives :	:	Classification & Microfilming of PWD Records & Appraisal of Home Departments' records
State Book Board	:	Printing of 673 Publications for Post Graduate & Under Graduate Courses in 27 major academic subjects.
		Preparation of MSS of 27 books.
Institut De Chandernagor	:	Indo-Franch Cultural Centre
	:	French Language Study
P. B. Hindi Academy	:	Rahul Smriti Puraskar—Sri Harish Bhadani
	:	Premchand Smriti Puraskar—Sri Awadh Narain Singh
	:	Publication of Journals etc.

CHAPTER – I

ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT

- Administrative set up
- Functionaries in the Department of Higher Education

CHAPTER – I

ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT

INTRODUCTION

This report is being published for the sixth year in succession. It covers the activities of the Department of Higher Education of the Government of West Bengal for the year 1997-98. The information on other departments of education, is not included here. The report presents the status of higher education in the state and has no relevance as a Government Order or other official proclamations.

PRESENT STATUS

The Department of Higher Education came into existence when the function of the Education Department was split in 1977. The Department exercises, in varying degrees, administrative control on and gives financial support to the educational institutions such as the General Degree Colleges, State Universities, organisations such as the West Bengal Council of Higher Education, The West Bengal State Book Board, The West Bengal College Service Commission, etc.

ADMINISTRATIVE SET UP

The topmost executive of the administrative set up in Higher Education is the Hon'ble Minister-in-Charge of Higher Education. He is the guiding figure in the total administrative set up at both Department and Directorate levels. At present Prof. Satyasadhan Chakraborty is the Minister-in-Charge of Higher Education.

The Principal Secretary is the senior-most officer in the Deptt. of Higher Education. He is assisted by a Special Secretary, Joint Secretaries, Deputy Secretaries, Assistant Secretaries and Officers-on Special Duty. The Principal Secretary also functions as the secretary to the Chancellor of the Universities connected with the Department.

The Department of Higher Education is comprised of a number of Branches, namely, University Branch, Appointment Branch, College (Non-Govt.) Branch, Training College Branch, Budget Branch, Technical (Engineering) Branch, Govt. College Branch, Social Education Branch, N.C.C. Branch, N.S.S. Branch, Physical Education Branch, Rabindra Rachanabali Branch, State Archives, Miscellaneous Branch, Chancellor's Secretariat and District Gazetteers Branch.

EDUCATION DIRECTORATE

The commitment of the Department of Higher Education in financial and administrative matters of the College (Govt. and Non-Govt.) Branches is carried out through the Education Directorate. The Directorate is headed by the Director of Public Instruction who is also an ex-officio Secretary to the Govt. of West Bengal.

The D.P.I. is assisted by Deputy Directors of Public Instruction (DDPIs) and Assistant Directors of Public Instruction (ADPIs). The sections of the Education Directorate which deal with various matters related to the Colleges include : Appointment, College (Non-Govt. and Govt.), Pay Packet (PPS), U.G.C., Training, Accounts, Physical Training, Scholarships & Stipends, Planning & Statistics (P & S), Social Education, Hindi Education, National Cadet Corps (N.C.C.) and Law. There are also some special cells under the Directorate, namely, Audit Cell, Law Cell, etc., The sectional activities are performed under the supervision of different DDPIs/ADPIs. Besides, there are Accounts and Administrative officers who supervise functions like release of pay-packet, grants, pension, drawal of salaries etc.

DIRECTORATE OF TECHNICAL EDUCATION

The Higher Education Department exercises administrative and financial control over the engineering and technological colleges in this State through the Directorate of Technical Education which is headed by the

Director of Technical Education (D.T.E.). The D.T.E. is assisted by Additional Director of Technical Education, Joint Director of Technical Education, and Deputy Director of Technical Education, Assistant Directors of Technical Education and other staff members.

DISTRICT LEVEL ADMINISTRATION

There are three Regional Education Offices under the Education Directorate located in Calcutta, Chinsurah and Jalpaiguri, controlling Presidency, Burdwan and Jalpaiguri divisions respectively. Deputy Regional Education Officers (D.R.E.O.) are in charge of these three offices now. They have the status of ex-officio A.D.P.I. The D.R.E.O.s assist the D.P.I. in the supervision of the Non-Govt. Colleges. The D.R.E.O., Jalpaiguri also releases the pay packet for colleges in Jalpaiguri and Coochbehar districts.

SCHOLARSHIP

The Scholarship and Stipend section deals with the following Post-Madhyamik Scholarship Schemes :

(i) National Scholarship
(ii) National Scholarship for Teachers' Children.
(iii) D.P.I. Special Stipend.
(iv) Nizamat Stipend.
(v) Scholarship for studying Hindi for non-Hindi Speaking people, and
(vi) West Bengal Govt. Scholarship to Poona Film Institute.

THE WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

It has been established in 1994 for overall improvement of Higher Education.

WEST BENGAL COLLEGE SERVICE COMMISSION

The Organisation came into existence in 1979 to prepare panels of candidates for filling up of vacant posts in Undergraduate Non-Govt. Colleges. The Commission also organises State Level Eligibility Test (SLET) for the selection of candidates for non-Government colleges.

WEST BENGAL DISTRICT GAZETTEERS

This wing publishes/reprints the Gazetteers of different districts.

PASCHIM BANGA HINDI ACADEMY

This Academy has been promoting the cause of Hindi in West Bengal since, 1990.

STATE ARCHIVES

It is a specialised wing of the Department of Higher Education functioning as a repository of historical records.

BOARD OF COMMERCIAL EDUCATION

This Board conducts Government Commercial Courses Special Examinations for testing proficiency in typewriting and stenography.

OTHER ORGANISATIONS/INSTITUTIONS

The other Organisations/Institutes which come under the administrative and financial jurisdiction of the Department of Higher Education in this state are :

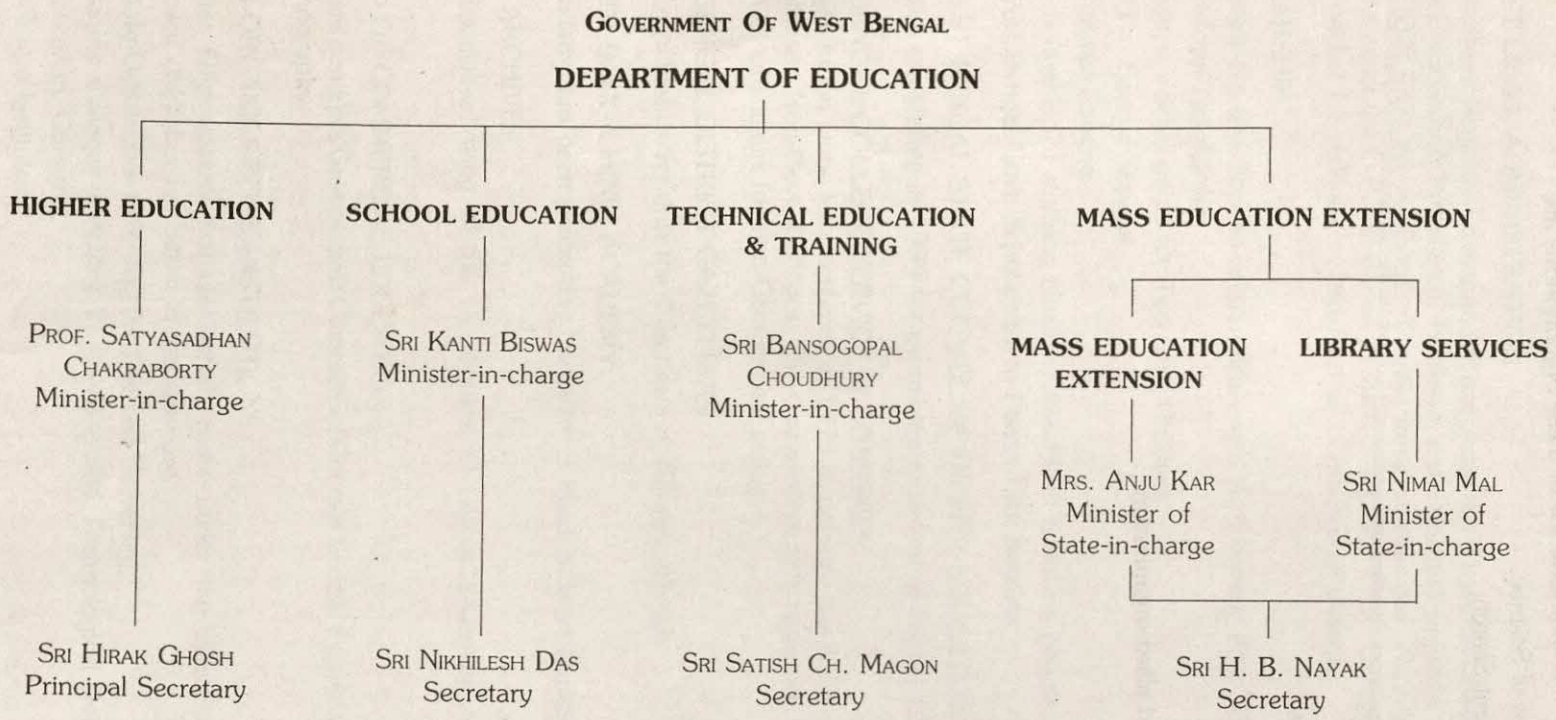
(a) State Universities including the Deemed University,
(b) Degree Colleges (including Engineering and Technological Degree Colleges, but excluding Medical & Veterinary Colleges),
(c) Different Institutes,
(d) State Book Board,
(e) Academies,
(f) Students' Day Homes.

AUTONOMOUS/VOLUNTARY ORGANISATIONS

Various autonomous/voluntary organisations engaged in the promotion of science, arts and culture receive grants from the Department of Higher Education. An illustrative list of these organisations are :

(a) Indian Association for the Cultivation of Science,
(b) Jagadish Bose National Science Talent Search,
(c) Institute of Historical Studies,
(d) Socio-Economic Research Institute,
(e) Saha Institute of Nuclear Physics,
(f) Bangiya Sahitya Parishad,
(g) Centre for Studies in Social Sciences,
(h) Netaji Institute of Asian Studies,
(i) Academy of Fine Arts,
(j) Bangiya Bijnan Parishad,
(k) R. K. Mission Institute of Culture and allied organisations,
(l) Indian School of Social Sciences,
(m) Paschim Banga Itihas Sansad, etc.

CHART-I


GOVERNMENT OF WEST BENGAL
DEPARTMENT OF EDUCATION
HIGHER EDUCATION
PROF. SATYASADHAN CHAKRABORTY
Minister-in-charge
SRI HIRAK GHOSH
Principal Secretary
SCHOOL EDUCATION
SRI KANTI BISWAS
Minister-in-charge
SRI NIKHILESH DAS
Secretary
TECHNICAL EDUCATION & TRAINING
SRI BANSOGOPAL CHOUDHURY
Minister-in-charge
SRI SATISH CH. MAGON
Secretary
MASS EDUCATION EXTENSION
MASS EDUCATION EXTENSION
MRS. ANJU KAR
Minister of State-in-charge
LIBRARY SERVICES
SRI NIMAI MAL
Minister of State-in-charge
SRI H. B. NAYAK
Secretary

ADMINISTRATIVE MANAGEMENT

CHART–II

DEPARTMENT OF HIGHER EDUCATION

PRINCIPAL SECRETARY

SPECIAL SECRETARY

JOINT SECRETARIES (2)

DEPUTY SECRETARIES (5)

ASSISTANT SECRETARIES (5)

OFFICER ON SPECIAL DUTY

SECTIONAL HEAD ASSISTANTS/SECTION OFFICERS

CHART–II–A

EDUCATION DIRECTORATE

DIRECTOR OF PUBLIC INSTRUCTION (DPI) & EX-OFFICIO SECRETARY

DEPUTY DIRECTORS (2)

ASSISTANT DIRECTORS (14)

DEPUTY REGIONAL EDUCATION OFFICERS (3)

ADMINISTRATIVE OFFICER | ACCOUNTS OFFICERS | P.A. TO D.P.I.

HEAD ASSISTANTS & SECTIONS-IN-CHARGE

CHART–II-B

DIRECTORATE OF TECHNICAL EDUCATION

DIRECTOR

ADDITIONAL DIRECTOR

JOINT DIRECTORS (3)

DEPUTY DIRECTORS (4)

ASSISTANT DIRECTORS (5)

HEAD ASSISTANTS

CHART–II-C

WEST BENGAL DISTRICT GAZETTEERS

STATE EDITOR

DEPUTY STATE EDITOR

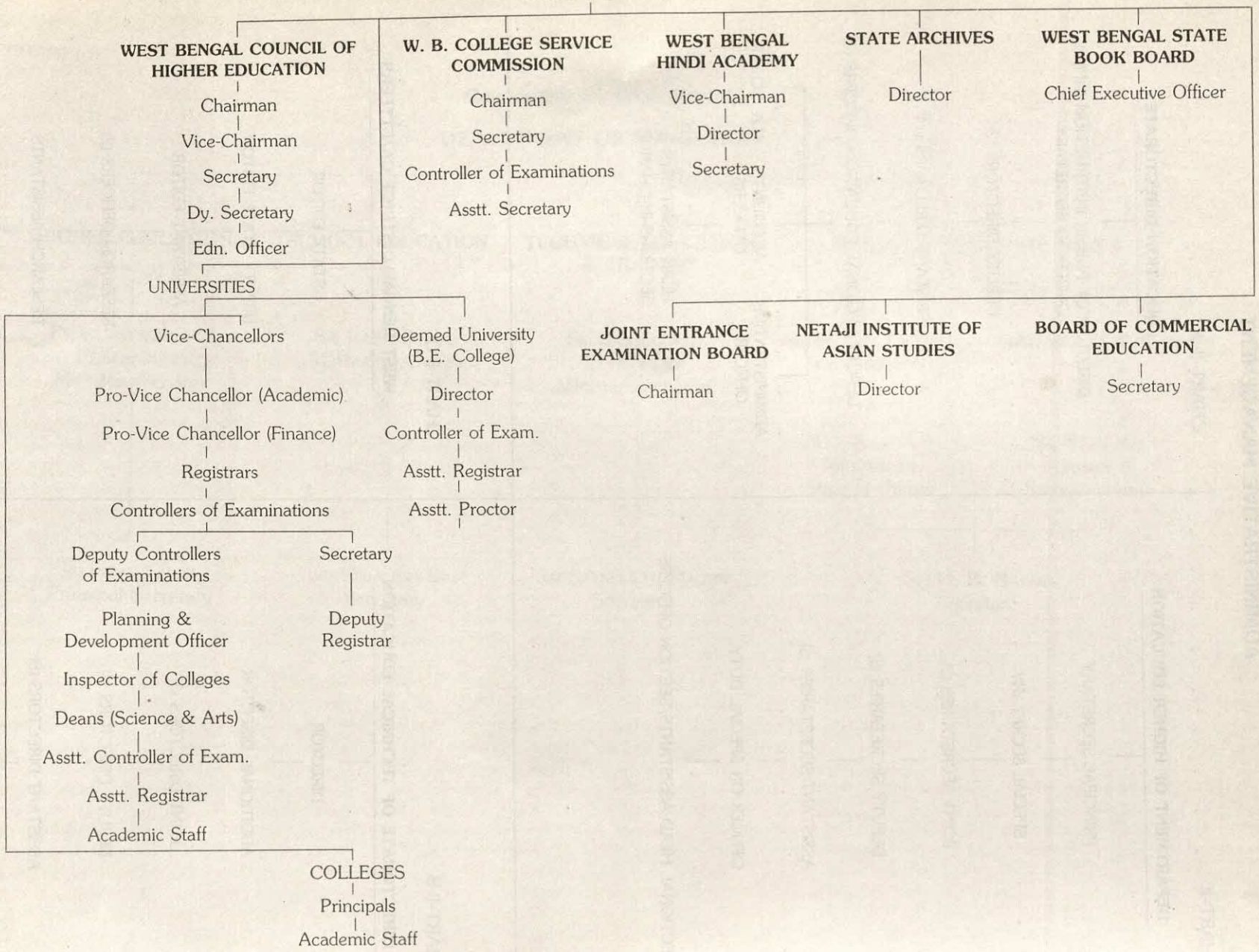
ASSISTANT EDITOR

RESEARCH OFFICERS (2)

RESEARCH ASSISTANTS

HEAD ASSISTANTS

OTHER WINGS


WEST BENGAL COUNCIL OF HIGHER EDUCATION
Chairman
Vice-Chairman
Secretary
Dy. Secretary
Edn. Officer
W. B. COLLEGE SERVICE COMMISSION
Chairman
Secretary
Controller of Examinations
Asstt. Secretary
WEST BENGAL HINDI ACADEMY
Vice-Chairman
Director
Secretary
STATE ARCHIVES
Director
WEST BENGAL STATE BOOK BOARD
Chief Executive Officer
UNIVERSITIES
Vice-Chancellors
Pro-Vice Chancellor (Academic)
Pro-Vice Chancellor (Finance)
Registrars
Controllers of Examinations
Deputy Controllers of Examinations
Planning & Development Officer
Inspector of Colleges
Deans (Science & Arts)
Asstt. Controller of Exam.
Asstt. Registrar
Academic Staff
Secretary
Deputy Registrar
Deemed University (B.E. College)
Director
Controller of Exam.
Asstt. Registrar
Asstt. Proctor
COLLEGES
Principals
Academic Staff
JOINT ENTRANCE EXAMINATION BOARD
Chairman
NETAJI INSTITUTE OF ASIAN STUDIES
Director
BOARD OF COMMERCIAL EDUCATION
Secretary

FUNCTIONARIES IN THE DEPARTMENT OF HIGHER EDUCATION

HON'BLE MINISTER-IN-CHARGE		PROF. SATYSADHAN CHAKRABORTY
DEPARTMENT OF HIGHER EDUCATION		
Principal Secretary	—	Sri Hirak Ghosh
Special Secretary	—	Sri P. N. Roy
Jt. Secretary (University)	—	Sri Sunil Bhattacharya
Jt. Secretary (Appointment)	—	Sri D. K. Roy
Deputy Secretary (College & NGC)	—	Sri R. K. Chakraborty
Deputy Secretary (Social Edn. & Misc.)	—	Sri D. P. Nag
Deputy Secretary (NCC) / Deputy Secretary (Technical)	—	Sri Partha Sarathi Banerjee
Deputy Secretary (NSS)	—	Sri K. S. Aditya
Deputy Secretary (Appointment)	—	Sri B. R. Chakraborty
Asstt. Secretary (Establishment)	—	Sri S. N. Kundu
Asstt. Secretary (University)	—	Sri S. C. Dutta
Asstt. Secretary (College)	—	Sri B. Bhattacharya
Asstt. Secretary (Soc. Ed. & Misc.)	—	Sri S. K. Roychowdhury
Asstt. Secretary (NCC)	—	Sri R. C. Adhikari
EDUCATION DIRECTORATE		
The Director of Public Instruction & Ex-Officio Education Secretary	—	Dr. Pijush Kr. Ganguly
D. D. P. I. (Administration)	—	Dr. Timir Jha/Dr. Jiban Kr. Mukherjee
D. D. P. I. (Planning & Statistics)	—	Dr. Sandip Kr. Chowdhury/Md. Refatullah
A. D. P. I. (Statistics)	—	Vacant
A. D. P. I. (UGC)	—	Sri Deba Prosad Dutta
A. D. P. I. (NGC)	—	Dr. Nirmalya Banerjee
A. D. P. I. (UGC)	—	Dr. Dilip Kr. Sarkar
A. D. P. I. (UGC) & Law Officer	—	Dr. R. N. Mukhopadhyay
A. D. P. I. (UGC)	—	Dr. Kanak Kanti Das
A. D. P. I. (NGC)	—	Dr. Jibendu Roy
A. D. P. I. (NGC)	—	Dr. Prabir Kr. Das
A. D. P. I. (Pay Packet Section)	—	Sri Mrinal Kanti Dutta
A. D. P. I. (NCC)	—	Vacant
A. D. P. I. (Physical Education)	—	Dr. Mira Basu
A. D. P. I. (Training)	—	Dr. P. K. Das (Additional Charge)
A. D. P. I. (Hindi)	—	Smt. Alakananda Bhattacharya
A. D. P. I. (Stipend & Scholarship)	—	Dr. Sagarlal Roy.
DREO (Presidency Division)	—	Sri Ashoke Mitra (Additional Charge)
DREO (Burdwan)	—	Sri Rathindranath Choudhury
DREO (Jalpaiguri)	—	Dr. B. Banerjee
Administrative Officer (Pension)	—	Sri Joydeb Chatterjee
P. A. to D. P. I.	—	Sri Dilip Saha

DIRECTORATE OF TECHNICAL EDUCATION

Director	—	Prof. G. C. Debnath
Additional Director	—	Vacant
Jt. Director	—	Sri C. K. Nag
Jt. Director	—	Sri A. K. Ganguly
Jt. Director	—	Sri R. N. Panda
Deputy Director	—	Dr. Amalendu Basu
Deputy Director	—	Sri K. C. Mitra
Deputy Director	—	Vacant
Asstt. Director	—	Sri Saibal Mukhopadhyay
Asstt. Director	—	Sri S. Bandyopadhyay
Asstt. Director	—	Sri S. Mondal
Asstt. Director	—	Sri C. Chattopadhyay
Asstt. Director (W. B. Project—Trg. & Placement)	—	Sri Anupam Chattopadhyay

WEST BENGAL DISTRICT GAZETTEERS

State Editor	—	Sri K. R. Biswas
Deputy State Editor	—	Sri S. N. Bhattacharya
Asstt. Editor	—	Sri B. R. Chakraborty

ACCOUNTS SECTION

Accounts Officers	—	Sri Gautam Samanta
"	—	Sri Diptarup Mukhopadhyay/Sri Gautam Dey
"	—	Sri C. T. Arokianathan
"	—	Sri Tapas Kanti Chaudhuri
"	—	Sri Manas Das
"	—	Sri Barua
"	—	Sri A. B. Ghosh (DTE)
Audit Officer (DTE)	—	D. Paul (DTE)
P. A. to D. T. E.	—	Sri A. R. Roy

CHAPTER – II

MAIN ACTIVITIES AND ACHIEVEMENTS DURING 1997–98

- Introduction
- Policies
- Allotment in the education budget
- Establishment of new colleges
- Affiliation of new teaching subjects in colleges.
- Technical education
- University education
- Non-Govt. Colleges
- Govt. Colleges
- State Archives
- District Gazetteers
- West Bengal State Council of Higher Education
- West Bengal College Service Commission
- Social Education Branch
- Scholarship and Stipend Section
- Physical education
- State Budget

CHAPTER – II

MAIN ACTIVITIES AND ACHIEVEMENTS DURING 1997–98

INTRODUCTION

This financial year marks the beginning of Ninth Five Year Plan. Despite the resource crunch, it is marked by distinctive achievements on the part of the Higher Education Department. This has been possible due to the continuous support of the people of West Bengal. It is, therefore, not surprising that the Government will try its utmost to fulfil the expectations of the people of the State. The Higher Education Department under the able stewardship of Prof. Satyasadhan Chakraborty, Hon'ble Minister-in-Charge, has been trying to extend the benefits of higher education to every corner of the State. Programmes have been taken to expand course options and to diversify subjects in non-urban areas. An Open University has been established for the benefit of those who cannot attend regular colleges. The College Service Commission, West Bengal has been conducting State Level Eligibility Test for fair and regular selection of candidates for teaching posts in Non-Government Colleges. The West Bengal State Council of Higher Education is engaged in co-ordinating the activities of State Universities and in advising the state Government on various issues connected with higher education.

POLICIES

The year under review will have to be viewed in the context of the following principles, used as guidelines while undertaking different programmes for higher education.

(i) Expansion of access to higher education and decentralisation of power-base.

(ii) Equity in educational opportunity and social justice.

(iii) Consolidation and qualitative improvement of colleges and expanding the base of social relevance of higher education.

(iv) Linkage of education to employment through vocationalization.

(v) Emphasis on engineering and technological education.

(vi) Diversification of subject composition.

(vii) Emphasis on scientific research.

(viii) Emphasis at the same time on arts, culture, languages, physical education and humanistic values.

(ix) Mobilisation of internal resources.

(x) Accountability at all stages.

ALLOTMENT IN THE EDUCATION BUDGET

The total budgetary provision for the year was Rs. 398,71,16,000/-

ESTABLISHMENT OF NEW COLLEGES

The State Government has established three degree level colleges in different districts of West Bengal to respond positively to the demands of the locality. Here the emphasis has been on expansion of educational facilities to non-urban areas. As a result, more and more rural areas will come under the coverage of higher education map of West Bengal and the students from far-flung areas will have higher education at their door-step.

(i) Pakuahat Degree College,
P.O.- Pakuahat, Dist. Malda.– Bengali, English, History, Political Science and Sociology.

(ii) Bhangar Mahavidyalaya,
Bhangar, South 24 Parganas– Bengali, English, Political Science, Economics, History, Philosophy, Education, Geography, Mathematics, Statistics and Commerce.

(iii) Chandraketugarh Sahidullah Smriti Mahavidyalaya,
Deganga, North 24 Parganas.– Bengali, English, History, Political Science, Philosophy and Education.

AFFILIATION OF NEW TEACHING SUBJECTS IN COLLEGES

The State Government, as in previous years, has vigorously pursued the policy of decentralisation, enrichment and upgradation of colleges throughout the state. Altogether 14 colleges have been provided affiliation in 26 different subjects as per table given below.

1997–98

	Name of the Colleges.		Subjects. (Adm. approval)
1.	Sammilani Mahavidyalaya	–	Pure Science (Pass) with Physics, Chemistry and Mathematics in place of Philosophy and Sanskrit.
2.	Derozio Memorial College	–	Pure Science (Pass) with Physics Chemistry and Computer Science, Bengali (H), Pol. Sc. (H).
3.	Beldanga S. Fatehpuria College	–	Pure Science (P) with Physics, Chemistry and Math.
4.	East Calcutta Girls' College.	–	Geography (Hons.).
5.	Charuchandra College	–	(i) Chemistry (Hons.) (ii) Botany (Hons).
6.	Serampore College	–	Zoology (Hons.).
7.	Bolpur College	–	Botany (Hons.).
8.	Dinabandhu Andrews College	–	Botany (Hons.). Electronics (Hons.) Bengali (Hons.) & Micro-Biology (Hons).
9.	Sahid Anurup Chandra College	–	Bengali (Hons.).
10.	Rashtra Guru Surendra Nath College, Barrackpore	–	Electronics (Hons.), Molecular Biology (Hons.).
11.	Raja N. L. Khan Women's College	–	Computer Science (Hons.).
12.	Rabindra Mahavidyalaya, Hooghly	–	Physical Education (Pass).
13.	A.P.C. College, New Barrackpore	–	Micro-Biology (Hons.).
14.	Karimpur Pannadevi College, Karimpur	–	History (Hons.), Philosophy (Hons.).

The above figures indicate that the Department of Higher Education has given preference to sanctioning affiliation in Hons. subjects than pass subjects. Emphasis on science has also been given. The interests of rural area colleges have received preferential treatment by the Department.

In addition, two post-graduate subjects have been introduced in two Govt. Colleges—Presidency College : Geology and Hooghly Mohasin College: Physiology.

TECHNICAL EDUCATION

Keeping in pace with the rapid progress in modern industry and global liberalisation, Govt. of West Bengal has given special emphasis on the development of technical manpower and proper utilisation of highly trained technical personnel to achieve the motto of self-reliance of our country.

Modern laboratory and workshop facilities have been improved to a great extent in the Engineering and Technological departments at Jadavpur University, B.E. College (D.U.), Calcutta University, Jalpaiguri Govt. Engineering College and other technological Colleges.

Newly established Engineering Colleges - Kalyani, Haldia and Salt Lake, Calcutta have opened up new subjects to cater to the needs of modern Industries; These include Instrumentation, Chemical Engineering, Electronics, Communication Technology, Printing Technology, Power Plant Engineering, Ceramic Technology, Leather Technology, Textile Enginnering, Computer Technology and so on.

Intake capacity in degree level and in polytechnic education has been increased substantially by 360 and 1000 respectively during last two years.

Adequate increase in funds for Library, Classrooms, Hostel and Equipments (in addition to existing grants) has been made during the last financial year for Textile and Ceramic Technology Colleges.

New PG Courses in Engineering and Technology have been introduced and B.E. College (D.U.); additional funds have been provided to upgrade the existing facilities for this purpose.

UNIVERSITY EDUCATION

Netaji Subhash Open University has started functioning and a sum of Rs. 50·00 lakh has been sanctioned and released by the State Govt. for its maintenance during 1997-98.

The State Govt. has granted Rs. 50·00 lakh to Meghnad Saha Planetorium of Burdwan University during 1997–98 as a corpus fund for its maintenance.

Approval given to a sum of Rs. 5·00 lakh for the Construction of Creative Art complex (Museum & Art Gallery) at Burdwan University during 1997–98.

Funds released for the continuation of the training programme to the Institute of Radio Physics & Electronics, Calcutta University in the current financial year.

Total grant of Rs. 2,02,73,500/- has been sanctioned during 1997–98 (up to 20th March, 1998) to different State-aided Universities for construction, renovation, restoration and purchase of books, journals, furniture & equipment.

Approval has been given to creation of 82 (eighty two) teaching posts of some Universities during the VIIIth plan period.

The 7 State aided Universities has received Rs. 711·16 (in lakh) under Capital head for construction activities during 8th plan.

Similarly, the State Government has sanctioned Rs.482·00 (in lakh) for purchase of books, furniture and equipment during 8th plan.

The Stated aided Universities were accorded monetary funds for construction etc. under the Head "2202–Gen-Edn–03–102– State plan (Annual plan & 9th plan)–01–31 during 1997–98 (upto 20.3.98).....Total Rs. 2,02,73,500/- (in lakh).

Many such schemes are in active consideration of the Government for raising the quality of university education, research and modernisation.

NON- GOVERNMENT COLLEGES

As in previous years the State Government has adopted the following principles in the total developmental programmes in the State.

PRINCIPLE OF EXPANSION, ACCESS AND EQUITY TO HIGHER EDUCATION:

The State has already 340 non-government colleges to meet the demands and the interests of the different people spreading over the various corners of the State. The educational developments of the Backward communities, and of Minorities have been given due consideration in establishing a Degree college at Pakuahat in the district of Malda. The education of girl students is also one of the top agenda of the present government. Grants are being liberally sanctioned for the improvement in infrastructures, hostel accommodation, and other physical & academic amenities. The State Government is also contemplating to establish some new Colleges for the distant districts.

Higher Education at the undergraduate and P.G. levels aims at quality improvement in respect of academic achievements of students and promotion of research and innovations. The Department of Higher Education has accorded administrative approval to different schemes for over-all improvement of Non-Government Degree Colleges.

STATEMENT OF ACTUAL EXPENDITURE IN PLAN HEAD (8TH PLAN 1992-93–1996-1997) & ANNUAL PLAN (9TH PLAN)

University	Year	Construction	Books, Journals, Furniture & Equipments	Total (in lakhs)
C.U.	1992-93	Nil	Nil	Nil
	1993-94	"	11.00	11.00
	1994-95	80.00	22.00	102.00
	1995-96	NIL	11.00	11.00
	1996-97	50.00	42.00	92.00
	1997-98	—	15.50	15.50
J.U.	1992-93	Nil	37.75	37.75
	1993-94	1.30	74.00	75.30
	1994-95	125.59	18.00	143.59
	1995-96	11.70	9.00	20.70
	1996-97	35.64	33.00	68.64
	1997-98	—	12.00	12.00
K.U.	1992-93	2.30	Nil	2.30
	1993-94	2.00	4.00	6.00
	1994-95	2.97	5.00	7.97
	1995-96	11.25	3.00	14.25
	1996-97	9.50	16.00	25.50
	1997-98	59.90	6.50	66.40
B.U.	1992-93	12.38	Nil	12.38
	1993-94	Nil	6.50	6.50
	1994-95	5.47	10.00	15.47
	1995-96	32.12	5.00	37.12
	1996-97	24.72	18.00	42.72
	1997-98	81.00	6.50	87.50

University	year	Construction	Books, Journal, Furniture & Equipments	Total (in lakh)
N.B.U.	1992-93	Nil	10.00	10.00
	1993-94	Nil	Nil	Nil
	1994-95	33.16	18.00	51.16
	1995-96	14.06	9.00	23.06
	1996-97	—	20.00	20.00
	1997-98	7.00	5.50	12.50
R.B.U.	1992-93	Nil	Nil	Nil
	1993-94	2.50	4.00	6.50
	1994-95	Nil	6.00	6.00
	1995-96	17.50	3.00	20.50
	1996-97	10.00	11.00	21.00
	1997-98	4,83,500	4.00	8,83,500
V.U.	1992-93	15.00	Nil	15.00
	1993-94	62.00	10.00	72.00
	1994-95	75.00	15.00	90.00
	1995-96	10.00	15.00	25.00
	1996-97	65.00	37.00	102.00

Extension of affiliation has been sanctioned in 14 colleges in 26 subjects including pass and Honours Courses. While extending approval the state government has focussed on emerging subjects like Electronics, Micro-Biology, Molecular Biology, Computer Science & Physical education vis-a-vis the teaching affiliation for traditional subjects. Funds are sanctioned for all-out infrastructural development and for repair, renovation and construction of new buildings. The programmes included under capital head are grant for organising exhibitions, water supply system, replacement or installation of old & new gas pipe line, purchasing laboratory A C system, purchase of articles, repair/ construction hostel building (boys' & girls'), repair of electrical installation, electrification of college, construction of compound wall and drainage system, maintenance of play ground, students common room, roof treatment work, construction of classrooms, cycle stand, toilets, sinking tubewell with pipelines, celebration of anniversaries, fixing collapsible gate, new canteen hall, repairing of women's hostel building etc.

Some of the colleges, which are not exhaustive, may be mentioned—Sarojini Naidu College for women, Calcutta, R.K. Mission, Belurmath, Union Christian Tr. College, Berhampore, Acharya Prafulla Ch. College, New Barrackpore, Ashutosh College, Calcutta, South Calcutta Girls' College, Sitananda College, Midnapore, Kharagpur College, Mahisadal Girls' College, Bankura Christian College, Mahatma Gandhi College, Purulia, Gurudas College of Commerce, Kandi Raj College, Santipur College, Berhampore Girls' College, Kazi Nazrul College, Mankar College, Burdwan, Maharaja Uday Chand Women's College, Abhedananda Mahavidyalay etc.Almost all the Colleges have been getting capital grants within the limited resource of this state since these years to improve the campus view.

Funds are also sanctioned and released and administrative approvals are also being granted for consolidation of the infrastructure of the college as in previous years. Almost all the government and non-government colleges are beneficiary of government grants in respect of purchase of library books, equipments for Physical Education, furnitures, laboratory equipments, chemicals etc.

Similaly funds are also being sanctioned for observation of Jubilees and for organising seminars, exhibitions, symposiums & other indoor activities.

The State Government has also released funds in a limited manner for the construction of auditorium to develop physical and cultural atmosphere of the college & sourrounding areas. Moreover, release of fund for all the Non-Government Colleges for development of physical Education is under active consideration of the Government.

While releasing funds from the State Government resources special attention is always being given for the interests of the SC & ST and the minority population of the state.

Promotion of research activities in Non-Government and Government colleges are also being attentively looked into throughout the year. A list of research activities have been incorporated for highlighting the achievements of the respective academic-minded college Professors and also to help to upgrade the quality of teaching and learning in College. The state Government feels that the quality of higher education should go hand in-hand with the quantitative expansion so far as possible. Academic staff colleges, UGC, CSIR, Agencies under the Central and State Government and some other agencies have been extending funds for the promotion of research.

GOVERNMENT COLLEGES

Various programmes have been taken up by the Government for improvement and strengthening of the Government Colleges. Postgraduate Courses have been introduced in Geology in Presidency College and in Physiology in Hooghly Mohasin College. Grants have been released for construction of group D staff Quarters of Presidency College and Darjeeling Govt. College, Group C staff Quarters of Darjeeling Govt. College, and extension of college buildings of Bidhannagar college and Govt. College of Education, Banipur, Miscellaneous other programmes are under active consideration of the Government for development of the Govt Colleges.

I.C.H.E.R.T. W.B. Library
Date 30.7.99
Acc. No. 988.3

GOVERNMENT COLLEGES

RELEASE OF GRANT UNDER HEAD OF A/C 4202– Capital outlay.....major works.

Name of Scheme		Amount released.
Presidency College		
Construction of Group 'D' Staff Quarter.	...	Rs. 5,00,000/-
Maintenance and operation of electrical installation, pump, motor set etc. at 175th Anniversary Girl's Hostel	...	Rs. 1,51,974/-
Repair and extension of playground Fencing.	...	Rs. 1,04,036/-
Remodelling of staircase and repair and changing of Gas pipe line in the 2nd. floor of Presidency College.	...	Rs. 3,97,506/-
Construction of New Toilet Block (internal work) in the existing building (old) of Ward No.I & II of Eden Hindu Hostel.	...	Rs. 3,49,484/-
Hooghly Mohsin College		
Re-wiring of Arts and Science building of Hooghly Mohsin College	...	Rs. 3,75,000/-
New Govt. College (Bidhannagar & Haldia)		
Special repair work to Bidhannagar College	...	Rs. 39,330/-
Conversion of Girls' hostel common room into Botany and Zoology laboratory.	...	Rs. 37,833/-
Construction of Bidhannagar College building	...	Rs. 41,68,510/-
Physical Education College		
State Institute for Physical Education for Women, Hastings House.	...	Rs. 33,943/-
Post Graduate Training College for Physical Education, Banipur-Construction of boundary wall.	...	Rs. 2,91,610/-
Other Govt. Colleges		
Re-wiring of E. I. in the 1st. and 2nd. floor of Lady Brabourne College.	...	Rs. 2,25,951/-
Painting of College building of Garden Passage of Phase-I and Phase-II of Maulana Azad College.	...	Rs. 2,85,147/-
Extension of Main building for accommodation of Zoology (Hons) and Physiology Laboratory of Maulana Azad College.	...	Rs. 15,00,000/-
Special repair work for maintenance and proposed conversion of Corridor of Biology Deptt. into Zoology Laboratory for Honours class of Maulana Azad College.	...	Rs. 39,952/-
S/R work for proposed face lifting of water point and fixing new Collapsible gate at Maulana Azad College.	...	Rs. 2,43,231/-
E. I. work for installation of a submersible pump motor set for the newly constructed tubewell and newly Canteen Hall of Goenka College of Commerce and B.A.	...	Rs. 1,53,045/-
Installation of electric point and ceiling fan in the Department of Botany, Zoology and Library reading room of Barasat Govt. College.	...	Rs. 35,668/-
Electrical installation in the New building for Geology, Botany and chemistry and the Library of Taki. Govt. College.	...	Rs. 75,000/-

Repair of Sanitary and plumbing work of class room, office, Principal's office, Library and different departments of Chandernagore College.	...	Rs.	50,864/-
Supply and fixing up electrical fittings in the college premises for 150th Anniversary of Krishnagar Govt. College.	...	Rs.	3,74,178/-
Special repair to E. I. work of different class rooms, verandah etc. of Durgapur Govt. College.	...	Rs.	45,716/-
Govt. College of Edn., Banipur for repair and extension of College building	...	Rs.	10,04,000/- Adm. approval sanctioned
Sanction for electrical installation at various quarters.	...	Rs.	29,534/- sanctioned.
Special repairs to Professors' quarters & Gr. C staff quarters.	...	Rs.	10,04,000/- do
Govt. Trg. College, Hooghly Electrical installation of Staff Quarter	...	Rs.	11,540/-
Govt. College of Phy. Edn. Dinhata.	...	Rs.	10,429/-

Release of Govt. grant for Govt. Colleges.

1, Presidency College	...	Rs. 39,90,666/-
2. Hooghly Mohasin College	...	Rs. 21,79,661/-
3. New Govt. Colleges (Haldia & Bidhangar)	...	Rs. 36,00,000/-
4. Other Govt. Colleges	...	Rs. 58,31,746/-
5. Govt. College of Arts	...	Rs. 8,00,000/-

1997-98

Government Colleges

Administrative approval : Capital grants etc.

1.	To purchase of an extended central Lab. Ac system Presidency College, Cal.	Rs.	32,596/-
2.	Installation of electric points and ceiling fan-Department of Botany, Zoology, Lib,. reading room, at Barasat Govt College	Rs.	35,660/-
3.	Purchase of Computer Machine at Goenka College, Calcutta	Rs.	24,500/-
4.	For rewiring of Arts & Science Building at Hooghly Mohsin College	Rs.	6,35,000/-
5.	For electrical installation at Bidhangore College	Rs.	1,13,520/-
6.	Electrical Installation at A.B.N. Seal College	Rs.	48,252/-
7.	Installation of Submersible Motor Set & Supply & Installation of a 6 H.P. Cap Submersible Pump motor set at Goenka College of Commerce	Rs.	1,04793/-
8.	Electrical repairing to the State Institute of Physical Education for Women (Hastings House)	Rs.	33,943/-

Darjeeling Govt College

9.	Construction of Type V quarter for Group.C Staff	Rs.	19,29,000/-
10.	–do– VI 'D' staff	Rs.	15,73,715/-

11. Laying new 50 mm dia G. I Pipe line from Rock with water renovation — Rs. 11,59,630/-

12. Construction of Additional story (3rd floor) over newly constructed type II quarter for teaching staff — Rs. 4,39,037/-

13. Repair of 4 hostels — Rs. 4,86,555/-

14. Boundary fencing and 4 hostels — Rs. 10,85 257/-

Sanction :

1. Sanction for publication of research Journals & Books-Darjeeling Govt — Rs. 25,000/-

2. Sanction for purchasing a working table Jhargram Raj College — Rs. 43,500/-

3. Accorded permission for purchase of a Gestner Rotary Duplicating machine, Presidency College. — Rs. 35,700/-

4. For painting of college building & fencing garden passages-Moulana Azad College — Rs. 2,85,147/-

5. For conducting Practical training of final year L.L.B students of Hooghly Mohsin College — Rs. 1,09,000/-

6. For publication of commemoration volume in connection with 175th Anniversary of Presidency College. — Rs. 24,000/-

7. Sanction for 1st instalment development grant for
   a) Purchase of Books & Journals, equipments & apparatus, furniture, chemicals, glass ware, contingencies- Darjeeling — Rs. 5,00,000/-
   b) A. B. N. Seal College — Rs. 2,25,000/-
   c) Goenka college of Commerce & B.A. — Rs. 1,20,000/-
   d) Govt. College of Arts & Crafts — Rs. 4,00,000/-
   e) Sanction for Barasat Govt. College — Rs. 2,25,000/-
   f) Construction of Type V quarters for Group "C" staff — Rs. 4,00,000/-
   g) Construction of Type VI quarters for group 'D" staff Darjeeling Govt. College — Rs. 8,00,000/-

Sanction for creation of teaching and Non-teaching posts in Barasat Govt. College;-

1. Zoology Department-
   - Lecturer ...1
   - Lab. Asstt. ...1
   - Lab. Attendant ...1
2. Botany Department-
   - Lecturer ...2
   - Lab. Asstt. ...1
   - Lab. Attendant ...1
3. Geography
   - Lecturer 2
   - Lab. Asst. 1
   - Store-Keeper 1

1. Misc. Grant- Hooghly Mohsin College (Insect Resistance cases) Rs. 6,800/-
2. Expansion of Admn. Building of P.G.T. College for Phy. Edn. Banipur Rs. 19,88,000/-
3. Construction of Bathroom (Ladies) hostel, construction of urinals in the boys' hostel etc. Rs. 1,78,500/-
4. Hooghly Mohsin-according permission to purchase Godrej Electronic Type Rs. 35,000/-
5. Presidency College- Appointment : Cook -1
   Asstt. Cook -1
   Kitchen Attendant -1
   Helper -1

STATE ARCHIVES

The new building of State Archives at 43, Shakespeare Sarani has been completed. The activities of the Archives and its use by the public will be more systematic and comprehensive in this new building. A computer for digitisation of archival materials has been installed. At present the archival officials are engaged in (a) classification of P.W.D. records, (b) microfilming of I.B. records and (c) appraisal of Home Department's records.

DISTRICT GAZETTEERS

During the year 1997-98 this office has brought out reprints of two Bengal District Gazetteers–Murshidabad and 24-parganas – (by L. S. S. O'Mallay) and the three district-wise volumes–Hooghly & Howrah, Sundarbans and 24 parganas–of 'A Statistical Account of Bengal' by W. W. Hunter. An updated edition of 'A summary of the changes in the jurisdiction of districts in Bengal' by Rai Monmohan Chakrabartti Bahadur is in press. Writing of the revised edition of Medinipur District Gazetteer, both in English and Bengali, is about to be completed.

WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

The West Bengal State Council of Higher Education, established by West Bengal Act XXVII of 1994, started functioning in April 1995, when its first meeting was held. The Council is housed in State Government owned premises at 147A Rashbehari Avenue, Calcutta-29.

According to the Act, the functions of the Council broadly are:

(i) Planning and coordination in the area of Higher Education in the State including cooperation with the University Grants Commission in respect of determination and maintenance of standards of Higher Education and forwarding the developmental programmes of Universities and Colleges in the State to the University Grants Commission along with recommendations;

(ii) Academic functions, e.g., curriculum development, teacher-training, encouragement of sports and games and extension activities;

(iii) Advisory functions in respect of grants, research, University statutes, Regulations etc.

The following are among the activities so far undertaken by the Council:

(i) Co-ordinating the activities of the State Universities in respect of introduction of 3 years Degree Course in the State;

(ii) Participation in a programme for preparation of text books in Bengali on Vocational subjects in collaboration with West Bengal State Book Board.

(iii) Collecting of statistical information on academic and infrastructural aspects of undergraduate colleges;

(iv) Advising the State Government on various issues connected with Higher Education:

(v) A project to prepare the district map of undergraduate colleges;

(vi) Study of the profile of the students admitted to Engineering Colleges in 1997.

WEST BENGAL COLLEGE SERVICE COMMISSION

The College Service Commission during the year, has prepared panels for 28 subjects/disciplines to recommend candidates in different Colleges under 5 State aided Universities. The body also issues recommendation for more than 1200 empanelled candidates by 30-9-97 so that they can receive appointment letters from respective Colleges in all the 28 subjects/disciplines such as Bengali, English, History, Pol. Science, Philosophy, Hindi, Nepali, Psychology, Physics, Chemistry, Mathematics, Physiology, Zoology, Arthropology, Statistics, Botany, Mol. Biology, Commerce etc. up to 30-9-97. Overall vacancies in different subjects were round about 250. The Commission has been constantly engaged in accepting vacancy reports from Colleges and also in making recommendations. By the time already 80 such recommendations have been made. More recommendations can be made as and when such will be available from Interview Board. Advertisement No.1/97 has already been published and preparations for panels have started. The Commission also leaves no stone unturned to fill the posts of Principals. Altogether there are 85 vacancies till date. Earlier the commission was able to fill up 55 such vacancies in Non-Government Colleges. Advertisement for filling up the posts of Principals will be published soon. Moreover the Commission used to sit at regular intervals to recommend candidates for vacant posts as reported by different state aided Colleges.

The Commission also conducted the State Level Eligibility Test (SLET) in 1997 for selecting eligible candidates for placement to non-Government Colleges. The result of the last SLET Examination is given below:-

Appeared	Subjects	success	SC/ST	% pass
3872	20	444	20	11.5% (last year 10.3%)

SOCIAL EDUCATION BRANCH

A good number of premier Institutions devoted to the cause of higher learning (including research activities) are being granted financial assistance annualy by Social Education Branch, Higher Education Deptt. Among those, the following Institutions are worth mentioning.

1) Indian Association for the Cultivation of Science :
2) Ramkrishna Mission Institute of Culture :
3) Centre for Studies in Social Sciences :
4) Institut-de-Chandernagor :
5) Paschim Banga Hindi Academy :
6) Netaji Institute of Asian Studies :
7) Indian Institute of Social Welfare and Business Management
8) Bangaya Sahitya Parishad.

Besides, numerous Institutions are being supported by the Govt. of West Bengal on ad-hoc basis and in emergent circumstances to undertake and carry on educational aesthetic and cultural programmes. Infrastructural developments are also being made with the help of financial support extended by the State Government. A few of such Institutions have been enumerated below for instance, indicating against everyone of them the purpose of sanctioning Government grant.

1) Hindi Academy : Maintenance ;
2) Paschimbanga Itihas Samsad : Publication ;

3) Socio-Economic Research Institute : Maintainance ;

4) R. K. Mission Organisations:

i) Narendrapur, South 24-Parganas : Maintainance of students' home, construction of boundary wall, purchase of Computer for its Commercial Institute, Repair and augmentation work of auditorium etc.

ii) Sarisha, South 24-Parganas : Construction of Ladies' Hostel ;

iii) Rahara Boys' Home, North 24-Parganas : Construction of embankment of a tank ;

(iv) Vivekananda Lokasiksha Mandir : construction of Boys' Hostel.

5) Bengal Association, Delhi : Cultural programmes and activities.

Steps have also been taken by the State Government for acquiring heritage buildings of the State in order to preserve the memories of great personalities of this State. Developmental programmes are on to establish cultural and educational centres in those monuments of National importance. In the process

i) the residence of Rishi Bankim Chandra Chattopadhyay at Kanthalpara, Naihati, North 24-Pargans has been acquired, taken over and developed. A library and a museum have been established there ;

ii) the residence of Raja Rammohan Roy at Raja Rammohan Sarani, Calcutta has been acquired and taken over ; steps are being taken to convert the same into a National Museum ;

iii) the Dupleix Palace at Chandernagore has been converted into a museum and the seat of the Institut-de-Chandernagore, Indo-French Cultural Collaborations ;

iv) the ancestral house of Netaji Subhash Chandra Bose at Kurseong, Darjeeling is being acquired in order to establish therein a centre for studies of Himalayan languages and culture ;

v) the residence of Swami Vivekananda at Simla Street, Calcutta has been acquired ;

vi) the residence of Iswar Chandra Vidyasagar at Vidyasagar street, Calcutta has been acquired and taken over and the same has been handed over to the Principal, Vidyasagar College for Women for setting up a Vocational Training Centre for Women ;

vii) the residence of Maulana Abul Kalam Azad at Ashraf Mistri Lane, Calcutta is being acquired.

Over and above, the State Government is taking active part in almost every notable and distinguished occasions in the spheres of education, culture and aesthetic in the State of West Bengal including birth centenary celebration of Netaji Subhash Chandra through its wing in the Social Education branch, Department of Higher Education.

SCHOLARSHIP AND STIPEND SECTION

In order that no brilliant student is prevented on grounds of proverty from pursuing an academic career, various schemes of National Scholarships for award of merit scholarship for postmatric studies were initiated by the Govt. of India in 1961-62. Since then these schemes have been continued from year to year.

Scholarship and stipend section of the Education Directorate, Govt. of West Bengal looks after the following Scholarship/Stipend Schemes:-

1. National Scholarship (N.S.) on the basis of results of Madhyamik Examination of West Bengal Board of Secondary Education and West Bengal Board of Madrasha Education.
2. N. S. based on the results of Higher Secondary Examination of West Bengal Council of Higher Secondary Education.
3. N. S. on the basis of results of B.A/B. Sc./B. Com Honours Examinations of various Universities in West Bengal.

4. N. S. for Teachers' Children

5. Hindi Scholarship (for Post-Matric) studies for securing high marks in Hindi. This Scheme is to encourage the study of Hindi in Non-Hindi speaking states and to make available to Governments of these states, suitable personnel to man teaching and other posts where knowledge of Hindi is essential.

   National Scholarships and Hindi Scholarship Schemes are funded by Central Government. At present total number of N. S holders from West Bengal state is 3176 (out of total of 38,000 all over the country).

6. D. P. I. Special Stipend on the basis of the results of Madhyamik Pariksha and B.A/B. Sc./B. Com examinations are offered and funded by Govt. of West Bengal.

7 A number of scholarships of the Nizamat Stipend and Mohsin Trust Funds are also released by West Bengal Govt.

The total number of National Scholarship released exceeds 2000 in 1997-98. Merit certificates were issued to another 2000 scholars. About 500 students received D. P. I. Special Stipend and out of Nizamat and Mohsin Trust Fund.

Inspite of earnest efforts by all staff members of Scholarship section (Education Directorate) the actual disbursement of the Scholarship/Stipend to scholars is inordinately delayed due to multiple reasons beyond our control (e.g. incomplete or inaccurate or non-availability of proper data from scholars and respective school/college/university authorities, late release of funds from Central Govt., postal delay/hazard etc.)

The Education Directorate is sincerely trying to streamline the procedure so that scholarship money and merit certificates may be released to reach the scholar within a reasonable period of time and the purpose of offering scholarship or stipend becomes meaningful. We also have a proposal to raise the ceiling of parents income so that really meritorious students are not deprived of the actual National Scholarship money.

PHYSICAL EDUCATION

Manifold activities in Physical Education in Higher Education level of this state is progressing satisfactorily. This year 9th Inter Govt. College Athletic Championship and 7th Inter Govt. College Football Tournament were held at Yuba Bharati Krirangan, Salt Lake, Calcutta from 16th March to 22nd March, 1998. A number of 260 Boy and Girl students of 18 Govt. Colleges took part in this championship. The State Govt. patronized this programme with all necessary co-operation.

Some pieces of land have been obtained at the disposal of the Education Department which is given by the Department of Agriculture as gift at Chinsurah Rice Research Centre for construction of Govt. Physical Education College for Women, Hooghly. Preparations for construction work are in process. Apart from this

(i) Govt. has been giving monetary assistance to non-Govt. Physical Education Colleges for smooth running of the colleges ;

(ii) State Govt. is sanctioning each year allotment for the Govt. Degree colleges for the development of the sports and games ;

(iii) This year, Govt has accorded Rs. 8,00,000 for the Construction of Adm-Building and Rs. 29,04,000 for the construction of boundary wall of Post graduate Trg. College for Physical Education, Banipur ;

(iv) Already Rs. 7 lakh has been spent for the construction of boundary wall of new site purchased for the Govt. college of Phy-Edn- for Dinhata.

STATE BUDGET ESTIMATE (1997-98) AT A GLANCE

Heads		Rupees in Thousands	
		Non-Plan 1997-98	State Plan 1997-98
Assistance to Universities	...	112,03,00	6,40,00
Govt. College & Institutions	...	41,92,20	5,85,00
Assistance to Non-Govt. Colleges	...	166,91,55	2,20,00
Institute of Higher Learning	...	7,91,10	4,03,00
Promotion of Modern Language	...	39,30	1,10,00
Research, Scholarship etc.	...	5,75,90	50,00
Technical Education	...	17,59,95	11,12,00
Physical, N. C.C. & Youth Welfare	...	9,93,00	1,37,00
Promotion of Arts & Culture, Archives	...	1,25,16	2,43,00
	Total :	**363,71,16**	**35,00,00**
	Grand Total (Non-Plan & Plan) :	**398,71,16**	

SPECIAL FEATURES OF THE BUDGETARY PROVISION, 1997-98 STATE PLAN(ANNUAL PLAN AND NINTH PLAN)

Heads	Rupees in Thousands	
	Budget Estimate	Revised Estimate
Govt. B. T. College & Teachers Training Facility	1,10,00	1,25,00
Provision for Girls' Hostel	25,00	20,00
Development of Special Institutions	45,00	15,00
Promotion of Urdu	58,00	58,00
Hindi Academy	5,00	5,00
Archives & Museum	49,00	49,00
Library & Reading Room facilities	20,00	10,00
B. E. College (Deemed University)	2,10,00	2,44,00
Development of Non- Govt. Colleges	1,50,00	1,50,00
Development of Collegss for Women (NGC)	25,00	20,00

TOTAL PROVISION (RS. IN LAKHS)

State Plan,	1995-96	...Rs.	23,00.00	Non-Plan	1995-96	...	293,28.21
	1996-97	...Rs.	26,05.00		1996-97	...	325,56.64
	1997-98	...Rs.	35,00.00		1997-98	...	363,71.16

BROAD BUDGET HEADS

Head :

2202–General Education	(i)	Universities.
	(ii)	Govt. Colleges including Training & Physical Education Colleges.
	(iii)	Non-Govt. Colleges including Training Colleges.
	(iv)	Institutes of Higher Learning.
	(v)	Development of languages–Modern language, Sanskrit, Urdu etc.
	(vi)	District Gazetteers
2203–Technical Education	(i)	Technological Colleges.
	(ii)	Engineering Colleges.
	(iii)	B. E. College (Deemed University).

2204–Sports & Youth Services, Physical Education

2205–Art & Culture

4202–Building (Capital) grants

TABLE–GEN.

INSTITUTIONAL COST OF EDUCATION IN INDIA (1978-79) AS AVAILABLE

Item	Recurring	Non-Recurring	Percent (Total)
Salaries	85.8	–	80.6
Buildings	1.3	36.8	3.5
Furniture & Equipments	0.8	27.3	2.4
Consumables	1.3	–	1.2
Libraries	0.5	9.2	1.0
Hostels	0.5	–	0.5
Stipends	2.9	–	2.7
Games & Sports	0.4	–	0.4
Misc.	6.7	26.7	7.7
Total	100.00	100.0	100.0

TABLE–GEN.

SHARE OF EDUCATION IN TOTAL PLAN OUTLAYS (EXPENDITURE (%) INDIA

			Share of Education in GNP (%) India	
1st	Five year plan	7.86		
2nd	Five year plan	5.83	1950-51	1.2
3rd	Five year plan	6.87	1960-61	2.5
4th	Five year plan	5.04	1970-71	3.1
5th	Five year plan	3.27	1984-85	3.7 (Actual Exp.)
6th	Five year plan	2.70	1986-87	3.9 (B. E.)
7th	Five year plan	3.55		

TABLE–GEN.

EXPENDITURE ON EDUCATION AS % OF GNP (1982)

Africa	4.9	Developed Nations	6.2
America	6.4	Developing Nations	4.3
Asia	5.1		
Europe (USSR)	5.6		
Oceania	5.8		
India	3.7 (4.2 in 1989-90)		

TABLE-GEN.

CONTRIBUTION OF CENTRE AND STATES TO PLAN AND NON-PLAN EXPENDITURE ON EDUCATION (1990)

Five Year Plan	Central Govt.	State Govt.	Total
1st Plan			
Plan	25	75	100
2nd Plan			
Plan	25	75	100
Non-Plan	14	86	100
3rd Plan			
Plan	26	74	100
Non-Plan	16	84	100
4th Plan			
Plan	33	67	100
Non-Plan	04	96	100
5th Plan			
Plan	30	70	100
Non-Plan	06	94	100
6th Plan			
Plan	30	70	100
Non-Plan	06	94	100
7th Plan			
Plan	37	63	100
Non-Plan	06	94	100

(MHRD)

CHAPTER – III

HIGHER EDUCATION DURING THE LEFT FRONT RULE

CHAPTER – III

HIGHER EDUCATION DURING THE LEFT FRONT RULE

Coming into power in 1977, the Left Front Government pledged to set up an education system that would be scientific as well as national. The pledge arose in the context of widespread disruption of normal life in the towns and villages of West Bengal in the early seventies, when an unprecedented lawlessness and violence were let loose which, in its turn, did considerable damage not only to the moral fibre of the society, but also to the social base on which higher education operated. Also a whole generation of students were victims of deferred examinations, campus violence and mass copying. Teachers were intimidated by hooligans, faced an uncertain future as there was no security of their tenure of service. Their salaries were not paid regularly and there were no retirement benefits worth the name. The management of educational institutions was left to people without any link with the education world and many colleges faced a bleak future because of irregular and inadequate financial provisions by the earlier Government. The first task of the Left Front Government was, therefore, to restore discipline in the field of education, bring about stability and instil a sense of safety and security among the students, teachers and guardians.

By ensuring a much wider participation of the people, the new Government was soon able to bring about discipline and stability in the colleges and universities of the State. Governing bodies of the colleges and academic bodies of universities were reconstituted in a democratic manner, with larger participation of teachers, students and employees. Having provided with adequate security of services and having assured of the protection of their rights, the teachers, students and employees in all institutions were thus guaranteed of favourable environment in which serious academic pursuits would again be started. Efforts were made to expand the opportunities of study in all the fields of higher education and to improve the quality of education. Thus, in a short time, people's trust and respect for the world of education, particularly Higher Education, could be restored.

In keeping with the decision of this Government to accord a high priority to education, separate Ministries were set up to deal with Primary Education, Secondary Education, Higher Education, Non-formal Education, Technical Education and Library Development. The fund allocation for education was raised to a hefty thirty-eight percent and that for higher education to nearly fifteen percent of the total budgetary expenditure of the State Government. In the year 1976-77, when the Left Front Government assumed office, the budgetary provision for Higher Education was a mere Rs. 2501 lakh. By 1992-93, it amounted to 2,20,43 lakh and in 1993-94 it was 2,64,09 lakh. The budgetary provision this year has further been raised to Rs. 398,71.16 lakh.

To satisfy the people's craving for more higher educational opportunities, the Front Government has set up a large number of colleges in different districts of West Bengal. This was imperative because of the rapid expansion of school education in the State. The State was one of the first to adopt the all India 10 + 2 + 3 pattern of education. 86 General Degree Colleges, two Teachers' Training Colleges and two Physical Education Colleges were thus established. A new university, commemorating the name of the great educator-humanist, Ishwarchandra Vidyasagar, has been set up in the district of Midnapur which offers a number of new courses with a rural bias. All the State Universities have been provided with liberal financial assistance to set up new departments and to develop their infrastructure further. A new department to study Astrophysics has recently been set up at the University of Calcutta and a Folklore Department has started functioning at the University of Kalyani. The State Government has helped Jadavpur University to establish a second campus for engineering courses at Salt Lake. The Department of Science & Technology has sponsored and financed a large number of research schemes

in different universities of West Bengal. In spite of acute financial crunch, the State Government did seldom hesitate to provide grants for research and libraries of the universities of West Bengal.

The Government College of Art and Craft which previously awarded diploma only, has been turned into a degree college, and has now become a PG College. The Bengal Engineering College, Howrah, a premier technological institution of the country, has been transformed into a Deemed to be University. The Government is thinking to set up another deemed university by upgrading the status of Sanskrit College, which played a pivotal role in the Bengal Renaissance.

In Presidency College, the Departments of Physics and Zoology have been upgraded into Post-Graduate Departments and a few other departments are poised for upgradation within a short period. Two Advanced Centres of study, one in Economics and the other in Geology, are being reinforced by providing them with adequate grants. Technological colleges are being strengthened and the College of Textile Technology, Serampore has started the M. Tech. Course. The Master of Visual Arts Course at the Government Colleges of Art & Craft has been started. In the College of Physical Education, Banipur M. Phy. Ed. course has been opened. A new Engineering College has been established at Haldia under joint collaboration with the Government of West Bengal in 1996.

The Government is fully aware that institutions with traditional orientation will not be able to cope with the demand for higher education. Distance Education Centres have, therefore, been opened at Burdwan and Vidyasagar Universitites and the Indira Gandhi National Open University has been given facilities to open its study centres in a large number of colleges in Calcutta and the districts. Six centres have been started by colleges to provide training to the intending candidates for various competitive examinations. About twenty-four centres are giving assistance to such examinees, especially to those belonging to backward sections of the society.

Thanks to the unstinted efforts of our university and college teachers, our students have done remarkably well at National Eligibility Test and other academic examinations. The ever increasing outflow of our students to centres of Advanced Studies in India and abroad is an eloquent testimony of the improvement in the quality of higher education in the State.

In addition to colleges and universities, the Deptt. of Higher Education has set up Netaji Institute of Asian Studies in 1981 as a premier research centre for undertaking interdisciplinary research to examine the current political, sociological and ecological developments in the South and South-East Asian region. More than twenty-five projects have ben undertaken by the Institute besides the publication of quarterly journal and a few important monographs.

The West Bengal Urdu Academy and Paschimbanga Hindi Academy have been set up by the Education Department to work for the strengthening of the study of these two major Indian languages in the State. These two academies have published a number of books and monographs and instituted a number of prizes to honour distinguished scholars in their respective fields and to encourage meritorious students of the languages.

As a follow-up of the recommendations of the Ashok Mitra Education Commission 1992, whose report has been marked as a milestone in academic circles all over the country, a number of steps have been planned by the Higher Education Department. Restructuring of syllabi, reforming the examination system and improving the quality of education have been given priority in the agenda of higher education in the years to come. Honours courses are being opened in phases in different colleges where there is a strong local demand for these subjects and feeder schools for which exist in large numbers. Modern courses like computer science, women's studies, tea technology, fisheries and study of theatre and films have been instituted in different colleges and universities. Steps have been taken for introduction of vocational subjects in higher education in the State. A large number of colleges are collaborating with universities and autonomous institutes to provide computer study facilities. Ten new colleges, one each at Coochbehar, Panchthupi, Bagha Jatin, Deganga, Magrahat, Hatgovindapur, Durgapur, Kamakhyaguri, Bhangar and Pakuahat have been established. Establishment of some more Colleges are under active consideration of the Government. A number of new colleges have been set up in the hill areas of the State and the older institutions are being strengthened and diversified.

West Bengal is one of the few states where capitation fees and gross commercialization are absent in higher education. Teachers of non-govt. colleges are paid dearness allowance and other benefits almost at par with other government employees and retirement benefits have been made more liberal in recent years. Compared with the situation in other states, the higher education scene in West Bengal is marked by a confidence about its purpose, as by academic peace and stability.

In West Bengal, the main thrust of higher education would be to improve the quality of education along with the expansion of educational opportunities. A Council of Higher Education has been set up to give a direction and plan for future course of action in the field of higher education in State. Eminent educationists have been associated with the Council and experts from other states are being contacted to make the Council's work more purposeful and effective. West Bengal has long been regarded as a forerunner in the field of education and culture by people of other states. Our task will be to revive the glory and to restore the State to its rightful place of prominence in the academic map of the nation.

CHAPTER – IV

ENGINEERING AND TECHNOLOGICAL EDUCATION

- Engineering and Technological Colleges
- Bengal Engineering College (Deemed University)

CHAPTER – IV

ENGINEERING AND TECHNOLOGICAL EDUCATION

ENGINEERING AND TECHNOLOGICAL COLLEGES

Government of West Bengal in the Higher Education Department has given special importance to the development of education in engineering, technology and management in order to produce high quality technical man-power, which is essential in the context of economic liberalisation. For their survival in the open market involving global competition, our industries must adopt new technology based on Computers, Information Technology, Micro-Electronics, Materials and Environmental Science & Engineering and modern Management. The State Government has, therefore, taken measures for meeting the requirements of emerging areas of engineering and technology.

At present Faculty of Engineering & Technology, Jadavpur University, Bengal Engineering College (Deemed University), Departments of Applied Science & Technology, Calcutta University, Regional Engineering College, Durgapur, impart both undergraduate and post-graduate degree courses in different disciplines of engineering and technology. Laboratories, workshops and other facilities have been improved in these Institutes to a great extent. In Bengal Engineering College (D.U.), Howrah, degree courses in Electronics & Tele-Communication Engineering and Computer Science & Technology have been introduced. It may be mentioned that in 1992 the Bengal Engineering College was upgraded to the status of a 'Deemed University'. Degree level engineering and technological courses are also offered by institutes under direct control of the Higher Education Department, namely, Jalpaiguri Govt. Engineering College, Jalpaiguri, College of Textile Technology, Serampore, College of Textile Technology, Berhampore, College of Ceramic Technology, Calcutta and College of Leather Technology, Calcutta. All these Institutions have revised their course curriculum as per requirements of the industry. In 1995, a new Engineering College, viz. 'Kalyani Engineering College, Kalyani' was established after thirty-five years offering degree courses in Mechanical Engineering and Computer Science & Technology under affiliation of Kalyani University. In 1996, another Engineering College viz. 'Haldia Institute of Technology, Haldia' was established on private initiative as a State Government aided Institution. The courses introduced in the college are 'Instrumentation Engineering', 'Computer Engineering' & 'Chemical Engineering', which will cater to the needs of new industries at Haldia and other parts of the State.

In 1997 another new Engineering College on private initiative was started viz. Institute of Engineering & Management, Salt Lake, Calcutta. In this College modern courses like Electronics & Tele-Communication Engineering and Computer Engineering have already been started.

Facilities for degree level engineering education in the State are also available at Indian Institute of Technology, Kharagpur, Institute of Marine Engineering, Calcutta, Institute of Jute Technology, Calcutta and Indian Statistical Institute, Calcutta. The State Government has introduced a post-Graduate Course leading to M. Sc. (Tech.) in Textile Technology at the College of Textile Technology, Serampore. A new course of B. Tech. Degree in Fibre Technology has been introduced at the Institute of Jute Technology, Calcutta. Courses in emerging areas like Printing Technology, Power Plant Engineering, Construction Technology and Instrumentation Technology have been introduced in the second campus of Jadavpur University at Salt Lake, Calcutta.

The intake capacity at the degree level in different courses of engineering and technology has been raised **by 360** and in Polytechnic Education also, substantial progress has been made in diversification of courses and raising the intake capacity **by about 1,000.**

Besides the above developments the following improvement activities and achievements have been made during the year 1997-98.

(i) New laboratories have been developed and the construction of a mechanical workshop will be completed shortly in Kalyani Engineering College, Kalyani. Hostel buildings in the campus have been renovated for increasing the accommodation capacity of the students. Many new machineries and equipment have been purchased for different laboratories for all the three branches of

engineering and books have been purchased for the library. Computer facility has been improved. The teaching and supporting staff has been strengthened and the creation of more posts is in process.

(ii) The existing facilities of the Jalpaiguri Government Engineering College has been improved by providing funds for equipment, machineries, renovation, repairing and new constructions.

(iii) Haldia Institute of Technology, a State Government aided private-engineering college, has already started functioning from the academic session of 1996-97. A grant-in-aid to the tune of Rs. 55.00 lakh has been provided in the last financial year for meeting the recurring expenditure as well as expenditure for development of laboratories, library and workshop.

(iv) The second campus of College of Leather Technology at Salt Lake has started functioning and the laboratory, library and other facilities have been improved. Computers have been provided for a new laboratory. A degree course in Foot-Wear Technology has been introduced and a Post-Graduate course in Leather Technology will be introduced shortly.

(v) Existing facilities in College of Textile Technology, Serampore, College of Textile Technology, Berhampore and College of Ceramic Technology, Calcutta have been improved by providing funds for purchase of equipment, machineries, books, journals, etc. Construction is in progress for increasing the number of class rooms as well as for library and administration.

(vi) Funds have been provided for the development of workshops, laboratories, libraries etc. in the B. E. College (D.U.). New PG Courses in engineering and technology have been started at B.E. College (D.U.).

BUDGET ALLOTMENT DURING 1997-98 :

Sl. No.	Name of the College	Budget provision under '2203' in Rs.	Budget provision under '4202' in Rs.
1.	Jalpaiguri Govt. Engg. College, Jalpaiguri	75,00,000/–	70,00,000/–
2.	Kalyani Engg. College, Kalyani	2,55,00,000/–	2,50,00,000/–
3.	College of Textile Technology, Berhampore	10,00,000/–	20,00,000/–
4.	College of Textile Technology, Serampore	10,50,000/–	25,00,000/–
5.	College of Ceramic Technology, Calcutta	13,50,000/–	30,00,000/–
6.	College of Leather Technology	25,00,000/–	25,00,000/–
7.	Non-Government Engineering Colleges	50,00,000/–	

EXISTING FACILITIES

Engineering and technological courses are offered by the following Institutions in this State :

1. B. E. College, Shibpur, Deemed University
2. Faculty of Engineering & Technology, Jadavpur University

3. Indian Institute of Technology, Kharagpur
4. Regional Engineering College, Durgapur
5. Jalpaiguri Govt. Engineering College (NBU)
6. College of Textile Technology, Serampore (C. U.)
7. College of Textile Technology, Berhampore (C. U.)
8. College of Ceramic Technology, Calcutta (C. U.)
9. College of Leather Technology, Calcutta (C. U.)
10. Kalyani Engineering College, Kalyani (K. U.)
11. Haldia Institute of Technology, Haldia, Midnapore (V. U.)
12. Institute of Engineering and Management, Salt Lake, Calcutta (K. U.)

All the above institutions excepting those at Serials Nos. 3 and 4 (IIT, Kharagpur and Regional Engineering College, Durgapur) are functioning under the administrative jurisdiction of the State Government. Admission to then institutions are controlled through a Joint Entrance Admission Test. The admission to 155 seats in R. E. College, Durgapur, is also controlled by the Joint Entrance Admission Test. The admission to I.I.T, Kharagpur is, however, controlled through the I.I.T. Entrance Examination. The Government has increased 130 seats for Engineering Colleges during the current year making the total 1925.

TABLE : DEGREE COURSES IN ENGINEERING IN DIFFERENT INSTITUTIONS IN WEST BENGAL EXCEPTING I.I.T.

Name of the Institution	Year of Establishment	Courses offered	No. of students'/ intake in degree courses	Status/ Affiliation
1	2	3	4	5
1. Faculty of Engg. & Technology, Jadavpur University Phone : 473-4044 473-4495 473-4693	1906	UNDERGRADUATE COURSES (B.E./B. Arch. 4 years after H. S.). Joint Entrance Examination	U. G. 653-Day 428-Evening	University Deptt.
		1. Architechture	20	
		2. Chemical Engineering	60	
		3. Civil Engineering	90	
		4. Computer Science & Technology	40	
		5. Electrical Engineering	90	
		6. Electronics & Telcom. Engineering	50	
		7. Food Tech. & Bio-Chemistry Engineering		
		8. Mechanical Engineering	90	
		9. Metallurgical Engineering	20	
		10. Pharmacy	60	
		11. Production Engineering	30	
		12. Construction Engineering	30	
		13. Instrumentation	20	
		14. Power Plant Engineering	30	
		15. Printing Engineering	20	
		3 Years B. Tech. Courses (After 3 year Hons.)		
		1. Instrumentation	30	
		2. Food Technology	30	
		3. Fibre Technology	30	

Name of the Institution	Year of establishment	Courses offered	No. of students'/ intake in degree courses	States/ Affiliatis
1	2	3	4	5
		CONTINUING EDUCATION PROGRAMME (J. U.) (5 yr. part time B. E. for diploma students)		
		1. Civil Engineering	30	
		2. Mechanical	30	
		3. Electrical	30	
		POST-GRADUATE COURSES (M. E./M. Tech./M. Arch.)		
		1. Architechture	20	
		2. Chemical Engineering	60	
		3. Civil Engineering	90	
		4. Computer Science & Technology	40	
		5. Electrical Engg.	90	
		6. Electronic & Telcom. Engineering	50	
		7. Food Tech. & Bio-Chemistry Engineering		
		8. Mechanical Engineering	90	
		9. Metallurgy	20	
		10. Pharmacy	60	
		11. Production Engineering	30	
		12. Construction Technology	30	
		13. Power Plant Engineering	30	
		14. Printing Engineering	20	
		15. Instrumentation	20	
2. B.E. College (Deemed University) Howrah Phone : (660-4561/62/63) Fax : 660-4564	1856 (Functionning as Deemed University since 1992)	UNDERGRADUATE COURSES	U.G.-367	Deemed University
		1. Architechture, Town & Regional Planning	22	
		2. Computer Science & Technology	25	
		3. Civil Engineering	90	
		4. Electrical Engineering	65	
		5. Electronics & Telcom. Engineering	35	
		6. Mechanical Engineering	65	
		7. Metallurgy	35	
		8. Mining Engineering	30	

Sl. No. 1 = $4^1/_2$ years and Sl. Nos. 2 to 8 = 4 years Degree Courses after H. S.

		POST-GRADUATE COURSES (M. E./M. Tech./M. Arch.)	P. G.-160	
		1. Architecture, Town & Regional Planning		

Name of the Institution	Year of Establishment	Courses offered	No. of students'/ intake in degree courses	States/ Affiliation
1	2	3	4	5
		2. Civil Engineering		
		3. Computer Science & Technology		
		4. Electrical Engineering		
		5. Electronics & Telecom. Engg.		
		6. Mechanical Engineering		
		7. Applied Mechanics		
		8. Master of Computer Application		
3. Regional Engg. (R. E.) College Durgapur, Dist. Burdwan Phone : (0343) 85877/86406	1960	UNDERGRADUATE COURSES (B. E.)	U. G.-430	Regional College (R.E.) under Board of Governors ; affiliated to Burdwan University
		WEST BENGAL QUOTA	155	
		1. Chemical Engineering	15	
		2. Civil Engineering	15	
		3. Electrical Engg.	30	
		4. Electronics & Telecom. Engineering	15	
		5. Mechanical Engg.	45	
		6. Metallurgical Engg.	20	
		7. Computer Science & Tech.	15	
		R. E. COLLEGE OUTSIDE WEST BENGAL QUOTA	160	
		1. Civil Engineering	30	
		2. Mechanical Engineering	30	
		3. Electrical Engineering	20	
		4. Metallurgical Engg.	10	
		5. Electronics & Telcom. Engineering	20	
		6. Comp. Sc. & Tech.	20	
		7. Mining Engineering	10	
		8. Production Engineering	10	
		9. Others	10	
		POST-GRADUATE COURSES (M. Tech.)		
		1. Production of Fertilisers		
		2. Structural Engineering		
		3. Industrial Electrical System		
		4. Design & Production Engg.		
		5. Mechanical Shaping of Metals		
		6. Extractive Metallurgy & Engg. Foundry		
		7. Corrosion Science & Technology		
		PART-TIME P. G. COURSE (M. Tech.)		
		1. Mechanical Design of Machines		

Name of the Institution	Year of Establishment	Courses offered	No. of students'/ intake in degree courses	States/ Affiliation
1	2	3	4	5
		2. Production Engineering		
		3. Industrial Drive & Control		
		4. Structural Engineering		
4. Jalpaiguri Govt. Engg. College Phone : (03561) 22751/22664	1968	UNDERGRADUATE COURSES		Govt. College affiliated to North Bengal University
		1. Civil Engineering	45	
		2. Mechanical Engineering	60	
		3. Electrical Engg.	45	
		Total	**150**	
5. Kalyani Enginnering College, Kalyani	1995	1. Mechanical Engineering	40 B.E. level	Kalyani University
		2. Electronics & Tele-Communication Engg.	40	
		3. Computer Science & Technology	30	
		Total	**110**	
6. Haldia Institute of Technology, Haldia, Midnapore	1996	1. Instrumentation Engineering	40	Vidyasagar University
		2. Computer Engineering	40	
		3. Chemical Engineering	40	
		Total	**120**	
7. Institute of Engg. & Management, Salt Lake, Calcutta	1997	1. Electronics & Tele-Communication Engineering	60	Kalyani University
		2. Computer Engg.	40	
		Total	**100**	

TECHNOLOGICAL COURSES UNDER CALCUTTA UNIVERSITY

It has been mentioned above that there are four Technological Colleges in West Bengal where Technological Courses are offered. Besides, Technological Courses are offered by the departments under the Faculty Council for Post-Graduate Studies in Engineering and Technology under Calcutta University.

TABLE : FACILITIES FOR TECHNOLOGICAL EDUCATION B. Sc. TECH./B. TECH. AND M. Sc. TECH./M. TECH. ETC.

Name of the College or Department	Degree offered	Sanctioned intake	Status
1	2	3	4
1. Applied Physics	B. Tech. & M. Tech.	30	Department under Calcutta University
2. Centre for Atmospheric Science	M. Tech.	10	,,
3. Chemical Engg. & Technology	,,	72	,,
4. Computer Science	,,	20	,,
5. Plastic & Rubber Technology	,,	32	,,
6. Radio-Physics & Electronics	,,	40	,,
7. Radio Physics & Electronics	B. Tech	40	,,
8. Computer Science	,,	30	,,
9. Electrical Engineering	,,	16	,,
10. Opto-Electronics	,,	12	,,
11. Instrumentation Tech.	,,	14	,,
12. Chemical Technology	,,	40	,,
13. Chemical Engineering	,,	40	,,
14. Polymer Technology	,,	40	,,
TECHNOLOGICAL COLLEGES			
1. College of Textile Technology, Serampore (1957) Phone : 662-3156/1056	B. Sc. (Tech.) M. Sc. (Tech.)	30 10	Govt. College affiliated to Calcutta University
2. College of Textile Technology (1958) Berhampore—(03482) 20042/20807	B. Sc. (Tech.)	30	,,
3. College of Leather Technology, Calcutta (1941) Canal South Rd., Pagladanga, Cal.-700 015 Phone : 244-2740	,,	30	,,
4. College of Ceramic Technology, Calcutta (1962) 73, A. C. Banerjee Rd., Cal.-700 010 Phone : 350-1264/7311	,,	40	,,
5. Institute of Jute Technology, Ballygunge Circular Rd., Calcutta-700 019 Phone : 475-3680	Diploma in Jute Technology (3 yr. Post B. Sc. Course)	40	An Institute affiliated to Calcutta University

Even after the establishment of three engineering and technological Colleges in the state Viz. Kalyani Engg. College, Kalyani (Govt.), Haldia Institute of Tech. (Govt. aided) and Instt. of Engg. & Management, Salt Lake, Calcutta (Private) during the last three years, the total intake capacity of the students stands at 1925, which is extremely low in comparision to the number of candidates which appear in the Joint Entrance Examination i.e. approximately 45,000 on an average in the last three years. The State is also lagging behind many other leading states of the country as far as degree level Engg. & Tech. education is concerned as will be evident from the following Table :

State	Population (Million)	No. of approved Engg. College (including Pharmacy College)	intake
Maharashtra	78.71	157	25,379
Karnataka	44.82	93	20,462
Tamilnadu	55.64	76	14,530
Andhra Pradesh	66.30	32	7,622
Kerala	29.01	12	3,292
Bihar	86.34	12	2,315
West Bengal	69.92	12 (including University Deptt. but excluding Institute of Marine Engineering & IIT)	1,925
Orissa		11	1,510

In view of the above facts, the State Govt. has decided to strengthen development of degree level technical education in the State in terms of both the intake capacity and the quality of curriculum and instruction on a priority basis.

PROPOSED DEVELOPMENT IN THE YEAR 1998-99 OF THE ENGINEERING & TECHNOLOGY COLLEGES ARE FURNISHED BELOW :

(i) Introduction of PG courses in College of Ceramic Technology, Calcutta.

(ii) Introduction of PG Course in College of Leather Technology, Calcutta.

(iii) Introduction of Degree Courses on Electronics & Tele-Communication Engineering and Computer Engineering at Jalpaiguri Government Engineering College, Jalpaiguri.

(iv) Enhancement of intake capacity of students, construction and renovation of Workshops, Laboratories, Hostel Buildings, Class rooms, etc. and further purchase of machineries, equipment, etc. will be undertaken at Kalyani Engineering College, Kalyani.

(v) The State Government in the Higher Education Deptt. constituted an Expert Committee vide G.O. No. 264-Edn. (T) dated, 17.6.97 for further development of the existing four Technological Colleges of the State with the following members :

1. Dr. B. Sen, Ex. DTE, WB & Ex. Director B. E. College (D. U.) Howrah : Chairman
2. Dr. S. M. Chatterjee Director, B. E. College (D. U) Howrah. : Member

3. The Vice-President : Member
Bata India Limited
Dist. South 24-Parganas

4. Prof. G. C. Debnath : Member
D. T. E., West Bengal

5. Dr. H. S. Maiti : Member
Senior Scientist
Central Glass & Ceramic
Research Institute,
Jadavpur, Cal.-700 032

6. Shri Goutam Ray : Member
Deputy Manager
C. E. S. C., Victoria
House, Cal.-700 069

7. Shri M. K. Chakraborty : Member
Leather Technologist,
O. S. D. & In-Charge,
Central Foot-Wear,
Training Centre, Kalipur,
Budge Budge,
South 24-Parganas

8. Dr. A. Basu : Secretary
Dy. Director of Tech.
Education, West Bengal

Based on the recommendations of the said Expert Committee renovation and further construction in the Technological Colleges will be undertaken for enhancement of intake capacity of the students and also for introduction of new courses as the case may be.

(vi) Enhancement of intake capacity in different branches of Engineering and Technology at Haldia Instt. of Technology, Haldia and Instt. of Engg. & Management, Salt Lake, Calcutta. The All India Council for Technical Education has approved for the introduction of degree courses in Electronics and Tele-Communication Engg. at Haldia Instt. of Technology, Haldia. The AICTE is also considering the introduction of a degree course in B. Pharmacy and Management Science at Haldia Institute of Technology.

(vii) An elective subject on Wool Technology will be introduced at both the colleges of Textile Technology at Serampore and Berhampore.

(viii) There are proposals for establishment of new private Engineering & Management Colleges/Institutes in the year 1998-99.

Proposal for establishment of new Private Engineering & Management Colleges/Institutes in the year 1998-99.

I. Proposed new private Engineering College :

State Government in the Higher Education Department has duly approved establishment of following Degree level private Engineering Colleges in this State. The All India Council for Technical Education (AICTE) has also sent viability reports in respect of the proposed Colleges :

(A) **College of Engineering & Management, Kolaghat, Midnapur.**

This College will be sponsored by Vidyasagar Society for integrated learning under West Bengal Power Development Corporation. The said College may be affiliated to Vidyasagar University.

The proposed disciplines and intakes are as under :

	Discipline		Intake
(i)	Electrical Engineering	:	35
(ii)	Computer Engineering	:	35
(iii)	Electronics & Instrumentation Engineering	:	35

(B) **Asansol Engineering College, Asansol, Dist. Burdwan, West Bengal**

The Engineering College is sponsored by Academy of Engineers (India). Affiliation may be given by Burdwan University. The proposed courses and intake figures are as under :

	Discipline		Intake	Duration of the Course
(i)	Computer Science & Engineering	:	30	4 yrs.
(ii)	Electronics & Information Technology	:	30	4 yrs.

(C) **Netaji Subhas Engineering College, Calcutta**

The College will be sponsored by Institute of Computer Engineers (India), Chatterjee International Centre, 12th floor, 33A, Chowringhee Road, Calcutta-700 071. The proposed Engineering disciplines and intakes are as under :

	Discipline		Intake	Duration of the Course
(i)	Computer Engineering	:	30	4 yrs.
(ii)	Electronics & Communication Engineering	:	30	4 yrs.

(D) **Bankura Engineering College, Bankura, West Bengal**

This College is sponsored by Bankura Unnayani Society, Bankura. Affiliation may be given by Burdwan University. The proposed disciplines and intakes are as under :

	Discipline		Intake	Duration of the Course
(i)	Computer Science & Engineering	:	30	4 yrs.
(ii)	Electronics Engg.	:	30	4 yrs.
(iii)	Electrical Engineering	:	30	4 yrs.
(iv)	Instrumentation Engg.	:	30	4 yrs.
(v)	Production Engg.	:	30	4 yrs.

(E) **Murshidabad Engineering College, Murshidabad, West Bengal.**

The College will be sponsored by Murshidabad Zilla Parishad, Murshidabad. Affiliation of this College may be given by Kalyani University. The disciplines with the intake figures are as under :

	Discipline		Intake	Duration of the Course
(i)	Electronics & Tele-Communication Engineering	:	60	4 yrs.
(ii)	Computer Engineering	:	60	4 yrs.
(iii)	Electrical Engg.	:	60	4 yrs.
(iv)	Instrumentation Engg.	:	60	4 yrs.

II. Proposed new private Management Institutions.

State Government in the Higher Education Department has given No Objection certificates to these Institutions for starting various Management courses (full time & part-time) from the academic session of 1998-99. The All India Council for Technical Education (AICTE) has already taken up inspection for the issuance of viability reports in respect of these proposed Management Colleges/ Institutions.

(A) **Nissan College of Management & Science, Poddar Vihar, Mondal Ghat, V.I.P. Road, Calcutta-700 052**

This Institute is under the Trust of B. P. Poddar Foundation for Education. Affiliation to this Institution may be given either by Jadavpur or Kalyani University. The proposed disciplines and duration of the courses are as under :

Discipline		Full time duration
(i) MBA	:	2 yrs
(ii) MCA	:	3 yrs.

(B) **National Institute of Management, Building No. 117, Command Hospital Complex, Alipore, Calcutta-700 027**

This Institute is sponsored by Army Welfare Education Society. The Institution may be affiliated to Jadavpur University. The proposed disciplines and duration are as under :

Discipline		Full time duration
(i) MBA	:	2 yrs.

(C) **Institute of Modern Management, 3A, Lowdon Street, Calcutta-700 017**

The Institution is run by the Society of Institute of Modern Management. Kalyani University may accord affiliation to it. The discipline and duration are as under :

Discipline		Part time duration
(i) MBA	:	3 yrs.

(D) **Institute of Business Management & Research, 6/1, Swinhoe Streeet, Calcutta-700 019**

The Institute is being run by the Institute of Business Management & Research. The disciplines and duration are as under :

Discipline	Full time duration	Part-time duration
(i) MBA	2 yrs.	3 yrs.

BENGAL ENGINEERING COLLEGE

(Deemed University)
Shibpur, Howrah – 711 103
Ph—660-4561/62/63/1064/9925/1073
Fax—660-4564/2916
E-Mali-Director @ becs. ernet. in Establishment Year–1856
Deemed University Status–1992

Programmes and intake :

Undergraduate Courses–(BE/B. Arch.)

Departments	Intake	Duration	Nature
Civil Engineering	90	4 yrs.	—
Electrical Engineering	65	4 yrs.	—
Mechanical Engineering	65	4 yrs.	—
Metallurgical Engineering	35	4 yrs.	—
Electronics & Tele-Communications Engineering	35	4 yrs.	8 Semesters
Mining and Geology	30	4 yrs.	—
Computer Science & Technology	25	4 yrs.	—
Architecture, Town & Regional Planning	22	4-5 Yrs.	10 Semesters

Outside regular engineering branches, the non-engineering branches like Chemistry, Physics, Humanities, Mathematics & Geology offer a considerable number of courses to the students of all branches.

P. G. Courses–	Deptt. intake		Total intake
Disciplines :	**Duration**	**Evaluation**	
*Civil Engineering	20		
*Electrical Engineering	15	3 Semester	150/105
Mechanical Engineering	20		
Metallurgy	10		
Electronics & Tele-Communication	5		
Computer Science &Technology	10		
Engineering Mechanics & Mining	15		
Master of Town & Regional Planning	10	4 Semester	
Master of Computer Application	30	6 Semester	

P. G. Electrical Engineering diploma, intake 20

Other Programmes

— Doctoral
awarded 10 PhD.
Registered–40

— Continuing Education
Organises Summer & Winter School & Seminars etc.

— Research & Consultancy
Sponsored by State Govt., DST, ISRO, CSIR, UGC, MHRD, Bhaba Atomic Research Centre, Electronics Commission, National Metallurgical Laboratory, State Engineering Deptts.

— Department of Human Resource & Management
Placement of Students.

— Computer Centre.

— Centres for Advanced Study & Research assisted by M/s. M. N. Dastur & Co. & Spl. assistance from UGC & Govt. of West Bengal
(a) Materials Science Centre (b) Bio-Engineering Centre (c) Environmental Science and Engineering Centre, Centre for Studies in Urban & Regional Development.

No. of Teachers

Engineering Departments—181
Non-Engineering Departments—220

Students Accommodation

Residential
Boys' Hostel—14
Girls' Hostel—1
Profile of the Departments :

*approved as Q.I.P. Centres

CIVIL ENGINEERING

INTAKE
B.E—90
M.E.—20

PRACTICAL TRAINING
1 month for 6 Semester Students

FACULTY PROFILE
Professor—6, Asstt. Prof. 9, Lecturers—12

CONTINUING EDUCATION PROGRAMME
Bridge Engg., Tunnel, Geotechnical Investigation, Behaviour of Piles, Special Concrete, Emerging building materials, Aseismic Design of buildings, Tall Bldgs., Limit State Method of R. C. Design, Computer Soft Ware.

PROPOSED
Computer Programming in Surveying, Computational Methods in Civil Engineering, Ground Improvement Technology.

Evening Courses leading to Regular Degrees.

3 M. E. COURSES (Part time)
Structural Engg. Geotechnical Engg., Environmental Engineering (to be started from July, 97)
— Faculty Improvement Programme
8 Laboratories.

APPROVED CENTRE FOR M. E. (CIVIL)
Under the Q. I. P.
— runs for short term courses.
— Research & Development Programmes

PROJECTS COMPLETED/UNDERTAKEN :
— Behaviour of Piles under Inclined Pull—CSIR
— Dev. of Low Cost Materials for Rurual Housing—MHRD
— Application of Geo-Jute in Erosion Control—IJIRA & IJMA
— Dev. of Geo-Jute in Civil Engineering Construction—U. G. C.
— Dev. of Dynamics Lab—MHRD
— Industry-Institute Interaction through R/D consultancy/Seminar—BOPT, NBCC, PWD, I&T, CESC etc.

ELECTRICAL ENGINEERING

FACULTY PROFILE
Professor—4
Asstt. Prof—11
Lecturer—8
Emeritus Fellow—1
Practical Training—4 Weeks
Tour of Students—1 Week in industry
Faculty Improvement Programmes—14 laboratories
Projects completed/undertaken—15 Projects under CSIR/MHRD/AICTE/Electronics Commission/UGC/DST/DOE/DAE/DRDO/ISRO/DBT/DOD/World Bank. Industry Institute interaction through R & D Consultancy/Seminar—TELK, CESC, WBSEB, Industrial houses, Engg. Companies, Sur Industries, Bharat Foundation, Hindusthan Engineering etc.

MECHANICAL ENGINEERING

FACULTY PROFILE

Professor—5

Asstt. Prof.—9

Lecturer—8

No. of Publications—125

PhD awarded—1

Practical Trg.—2 months

Continuing Education Programmes (offered & proposed)

— Basic Welding and its quality control.

— Computer Integrated Manufacturing—Theory and Practice.

— Quality Management and Reliability.

— Advanced Manufacturing Process.

— Computer aided Mechanical design & Methodology.

— Laboratories—14

PROJECTS COMPLETED/UNDERTAKEN

7 under CSIR/MHRD/AICTE/DST/DOE/DAE/DRDO/ISRO/DBT/DOD/World Bank, State Govt. etc.

INDUSTRY-INSTITUTE INTERACTION

Fields 6 broad areas–Agencies–GKW, GRW, Ordance Factories. Company & Industry personnel & academician Technical personnel of different institutions, companies, engineering industries, WBPPCB, PB Bigyan Mancha, FOSET, AGRA GATI, NGOS, WBREDA, Mangal Steel, Juliram Shyamlal etc.

COMPUTER SCIENCE & TECHNOLOGY

FACULTY PROFILE

Professor—3

Asstt. Prof.—6

Lectruer—7

PhD awarded—5

No. of Publications—41

PRACTICAL TRAINING

Vocational Training of 8 weeks in industry for 6th Semester Students of B. E. Course.

1 Semester Trg. in industry of 6th Semester Students of M. C. A Course.

CONTINUING EDUCATION PROGRAMME

Short term Courses offered and proposed 2 + 5

Laboratories—4

PROJECT UNDERTAKEN/COMPLETED

11 under—MHRD, AICTE, World Bank, DRDO etc.

INDUSTRY—INSTITUTE INTERACTION

Intel Corporation, USA, Fujitsu Micro-Electronics, USA, Nortel Corpn, USA

ELECTRONICS & TELECOMMUNICATIONS

FACULTY PROFILE
Professor—2
Asstt. Prof.—4
Lecturer—4
No. of Publications—50 (National & International)
Books—3
Practical Training etc.—8 weeks industrial training (IMPACT)—8 weeks industry Attachment Programme.
Continuing Programme—5
Laboratories—12
Project Completed/undertaken—10
Under UGC, MARD, World Bank, State DST.

METALLURGICAL ENGINEERING

FACULTY PROFILE
Professor—2
Asstt. Prof.—3
Lecturer—4
PhD awarded—5
No. of Publications—30 (National & International)
Laboratories—9
Projects completed/undertaken—11, under ISRO, MHRD, BRNS, NCML, DRDO, DTSR, CSIR, Ocean Naval Research, USA, RRDC, SAIL, WBPCB, NMRL, NML.
Industry-institute interaction : Indian Copper Dev. Centre, Calcutta.

MINING & GEOLOGY

FACULTY PROFILE
Professor—1
Asstt. Prof.—2
Lecturer—6
Reader—1
PhD awarded—5
No. of Publications—Paper 45 (National & International)
Patent—1
Monographs—3
Seminar—6 Proc.
Laboratories—9
Projects completed/undertaken—8, under AICTE, UGC, MHRD, DST/COAL India Ltd, DCA, DST (Central)
Industry sponsored.
Industry-Institute Interaction—Fields—4 under CESC Ltd, ICI Ltd. Emryn. Tech.

APPLIED MECHANICS & DRAWING

FACULTY PROFILE
Professor—4
Asstt. Prof.—7
Lecturer—9
Courses—Bachelor
Intake—367

P. G. (ME) Intake—10
PhD awarded—2
Continuing Education Programme—3
Publications—25 (National & International)
Loboratories—6
Projects completed/undertaken—8, under AICTE, ISRO, NASA,
Industry Institute Interaction—8
Agencies—1
I & W Deptt. Govt. of West Bengal, Larsen & Turbo Ltd, CMDA, Cal. River Research Project, Govt. of West Bengal, Tractors India Ltd. Industrial Repose, Howrah, River Research Institute, Govt. of West Bengal.

CHEMISTRY

FACULTY PROFILE
Professor—2
Asstt. Prof.—4
Lecturer—4
Demonstrator—1
Courses—Supporting Courses to Engineering Students
— Metallurgical Analysis Course.
— Short term evening Course.
Publication—55 (National)
Laboratories—5
International Seminar—17
Books—1 (In Press)
Project
— Completed or undertaken—4
Agency—MHRD, UGC, AICTE, Electrochemical Industries

ARCHITECTURE, TOWN & REGIONAL PLANNING

FACULTY PROFILE
Professor—3
Asstt. Prof.—5
Lecturer—1
Practical Training—6 months in the 9th Semester of B. Arch.
Tour—10 days in different parts of the country.
Continuing Education Programme—Short term courses offered in
— Computer aided design and drawing
— Architectural draftsmanship and estimation (proposed).
No. of publications—18 (National and International)
Laboratories—3

PROJECTS COMPLETED/UNDERTAKEN
3 under CSIR/MHRD/AICTE/DRDO/World Bank/DOE/ISRO/State Govt.

INDUSTRY-INSTITUTE INTERACTION
Fields—9
Agencies—Calcutta Telephone, Deptt. of Housing, Govt. of West Bengal, Haldia Dev. Authority, R. E. College, Durgapur, Housing International, U. K.
Seminar/Workshop Organized—3

HUMANITIES

FACULTY PROFILE
Asstt. Prof.—1
Lecturer—3
Courses—Supporting Courses on English, Economics, Sociology, Finance, Organisational Structure & Personnel Management
Continuing Education Programme—Spoken English, Society & Environment.
No. of Publications—14 (National & International)
Faculty Improvement Programme—4

MATHEMATICS

FACULTY PROFILE
Professor—2
Asstt. Prof.—5
Lecturer—3
PhD awarded—8
No. of Publications—26 (National & International)
Laboratories—3
Projects—3
Agencies—UGC, MHRD
Industry-Institute Interaction—2
Agency—Naval Material Research Lab. Mumbai, Deptt. of Math, Orlando, USA.

PHYSICS

FACULTY PROFILE
Professor—1
Asstt. Prof.—2
Lecturer—3
Demonstrator—1

SUPPORTING COURSE
Continuing Education Programme—3
Publications—25 (National & International)
Agencies—AICTE, MHRD, CSIR.

HIMAN RESOURCE MANAGEMENT

FACULTY PROFILE
Professor—1
Asstt. Trg. Officer—1

COURSES
(i) Supporting Courses to UG & PG students of different engineering courses.
(ii) Training & Employment
(iii) Entrepreneurship development.

Publications—9 (National & International)
Laboratory—1
Projects—1
AICTE
Industry-Institute Interaction—BNCC, CII etc.

CENTRAL COMPUTER CENTRE

FACULTY PROFILE
Professor—4
Asstt. Prof.—1
Continuing Education Programme—Short Course Introduction
Publication—14 (National & International)
Projects—2
Agency—ISRO, NASA, USA.

INDUSTRY-INSTITUTE INTERATION
Fields—11
Agency—Dastur Co.,
Architects Collaborated, Usha Breco, C. I. T., Deptt. of Irrigation, Howrah I.T., PWD, Govt. of West Bengal etc.

SCHOLARSHIP & STIPENDS

— Govt. Scholarships
— Open Scholarship
  3 @ Rs. 240/- each annually by on the basis of merit
— Reserved Scholarship—8
— 2—Anglo-Indian Students.
— 4-Bacward Classes Students
— 2-SC/ST Students.
— Maintenance Scholarship
— 22 @ Rs. 50/- P.M.
— D. P. I. Stipend
— 20 @ Rs. 25/- P.M.
— Misc. Scholarship
— 13 for different categories

CHAPTER – V

UNIVERSITIES

- General Information
- Calcutta University
- Jadavpur University
- Rabindra Bharati University
- Vidyasagar University
- Burdwan University
- Kalyani University
- North Bengal University
- Netaji Subhas Open University
- West Bengal University of Animal and Fishery Sciences
- Indian Institute of Technology, Kharagpur

CHAPTER – V

UNIVERSITIES

STATE UNIVERSITIES

There are Eight Universities and one Deemed University in the State under the administrative jurisdiction of the Department of Higher Education. One Agricultural University is functioning under the administrative jurisdiction of the Department of Agriculture. Another University has been set up in 1996 by the State Government for study of Animal Science and Fisheries. This University will function within the financial and administrative jurisdiction of the Department of Animal Resource Development and Fisheries. Besides, there is a Central University–Visva-Bharati and a Regional Centre of Indira Gandhi National Open University at Bikash Babhan, Calcutta. Of late, Netaji Subhas Open University has been established for the education of the distant learners.

NAME AND NO. OF UNIVERSITIES IN WEST BENGAL

1. Calcutta
2. Rabindra Bharati
3. Jadavpur
4. Burdwan
5. Kalyani
6. Vidyasagar
7. North Bengal
8. Visva-Bharati
9. Netaji Subhas Open University
10. Indira Gandhi National Open University, Regional Centre
11. Bengal Engineering College (Deemed Universtiy)
12. Bidhan Chandra Krishi Visvavidyalaya
13. West Bengal Universtiy of Animal and Fishery Sciences

TERRITORIAL JURISDICTION OF THE STATE UNIVERSITIES

Name of the University	Date of Establishment	Address	Territorial Jurisdiction
Calcutta University	24 January, 1857	College Street, Calcutta-700 073; other campuses at A. P. C. Road, B. T. Road, B. C. Road, Hazra Road and Alipur.	Jurisdiction of Univesity extends over the whole of the West Bengal ex-cluding the area of jurisdiction of the Universities established by law within West Bengal (Districts of Howrah, North & South 24-Pgs., Nadia, Murshidabad and the Calcutta district as a whole, ex-cluding some colleges (See appendix list of colleges), and the colleges under Serampore subdivision.
Jadavpur University	24 December, 1955	Jadavpur, Calcutta-700 032 2nd campus at Salt Lake	Jurisdiction extends over a radius of two miles from the university office at Jadavpur.
Burdwan University	1 June, 1960	Rajbati, Burdwan Dist. Burdwan	Districts of Burdwan, Bankura, Birbhum, Purulia, Hooghly (ex-cluding Serampore subdivision).
Kalyani University	1 November, 1960	Kalyani, District-Nadia	Jurisdiction extends over local units of the Police Station of Chakdah, Kalyani, Haringhata & Bizpur.

Rabindra Bharati University	8 May, 1962	58A, B. T. Road, Calcutta- 700 050 & other campus at Jorasanko	Jurisdiction extends to all the Institutions in the State teaching Fine Arts subjects.
North Bengal Univesity	1 July, 1962	Raja Rammohanpur, Dist. Darjeeling	District of Coochbehar, Darjeeling, Jalpaiguri, Malda, North Dinajpur, South Dinajpur.
Vidyasagar University	29 September 1981	Midnapur	District of Midnapur.
Netaji Subhas Open University	1997	1, Woodburn Park, Calcutta- 700 020.	Whole of West Bengal.

EXPENDITURE

FINANCIAL GRANTS TOWARDS THE STATE-AIDED UNIVERSITIES DURING 1997-98

UNIVERSITY	Total Salary Component (up to 23-3-1998) (NON-PLAN)	Other Grants-in-aid (up to 23-3-1998) (NON-PLAN)	Construction (up to 20-3-1998) (STATE PLAN)	Books, Journals, Furniture and Equipments up to 30-3-1998 (STATE PLAN)
Calcutta	31,94,76,000	3,31,85,000	—	15,50,000
Jadavpur	23,27,57,000	2,13,50,000	—	12,00,000
Rabindra Bharati	5,09,77,000	70,10,000	4,83,500	4,00,000
Kalyani	8,35,31,000	1,17,92,500	59,90,000	6,50,000
Burdwan	12,74,01,000	1,44,25,000	81,00,000	6,50,000
Vidyasagar	1,39,84,000	53,00,000	—	—
North Bengal	8,69,40,000	75,87,500	7,00,000	5,50,000
Ntaji Subhas Open University	50,00,000	—	—	—

COLLEGES

The affiliated colleges are functioning within the academic jurisdiction of the state universities. There are some colleges which actually act as departments of the universities. These are called University Colleges (UC). There are six such colleges under the Calcutta University and three such colleges under the North Bengal University.

POST & SCALE

In all the departments of the Universities there are mainly three categories of teaching posts—Professor, Reader and Lecturer. Revised U.G. C. pay-scale has been introduced for the teachers of Universities with effect from 1.1. 1986 as follows :

POST	PAY SCALE
Professor	Rs. 4,500—7,300/-
Reader	Rs. 3,700—5,700/-
Lecturer	Rs. 2,200—4,000/-

The Lecturers get the scope of promotion to higher scale of Rs. 3,000—5,000 and Rs. 3,700—5,700 through the scheme of Career Advancement.

ACADEMIC STRUCTURE

There are various departments of the Universities under different faculties.The Deans of Faculties advise on academic matters and co-ordinate the departmental programmes. For the planning and implementation of the academic programmes of the departments there are departmental committees in each of them. The Head of the Department is the Chairman of the said committee. Boards of Studies of these departments plan and occasionally review the syllabi, and assist the examination process.

All the state universities have post-graduate teaching facilities. In some universities there are undergraduate teaching facilities as well (see Appendix College list). The affiliated colleges are under the academic jurisdiction of state universities.

GENERAL INFORMATION ABOUT THE UNIVERSITIES

CALCUTTA UNIVERSITY

Ph : 241-0071

The various departments located in different campuses are indicated below :

ASHUTOSH SIKSHA PRANGAN, College Street, Ph. 241-0071—6 lines.

Teaching Departments :

Arabic & Persian, Bengali, Commerce, English, French, Hindi, Journalism, Languages, Library Science, Linguistics, Pali, Sanskrit, Tamil, Urdu.

HARDINGE BUILDING, College Steet, Ph. 241-0071

Teaching Departments :

Business Management, Commerce, Journalism.

RASHBEHARI SIKSHA PRANGAN, Rajabazar, Ph. 350-8386/6387

Teaching Departments :

Applied Chemistry, Applied Mathematics, Applied Physics, Applied Psychology, Bio-Physics, Molecular Biology & Genetic Engineering, Centre for Atmospheric Science, Chemical Engineering, Chemical Technology, Chemistry, Computer Science, Electronic Science, Physics, Physiology, Plastic & Rubber Technology, Radio Physics & Electronics.

TARAKNATH SIKSHA PRANGAN, Ballygunge Circular Road, Ph. 475-3680—82/4681

Teaching Departments :

Agriculture, Anthropology, Bio-Chemistry, Botany, Geography, Geology, Marine Science, Pure Mathematics, Statistics, Zoology.

HAZRA ROAD CAMPUS, Hazra Road, Ph. 475-5801

Teaching Departments :

Ancient Indian History & Culture, Archaeology, History, Law, Islamic History & Culture, South & South-East Asian Studies.

SAHID KHUDIRAM SIKSHA PRANGAN, Alipore, Ph. 479-1645/2861

Teaching Departments :

Education, Philosophy, Political Science, Sociology.

THE CENTRE OF URBAN STUDIES : B. T. Road Campus, B. T. Road, Ph. 557-5082

Teaching Departments :

Economics.

COLLEGE OF MEDICINE, Acharya J. C. Bose Road, Ph. 248-2041/2084

Teaching Departments :

Anatomy, Bio-Chemistry, Medical Microbiology & Parasitology, Pathology, Pharmacology.

JUDGES COURT ROAD CAMPUS, Judges Court Road, Alipore, Ph. 479-5594

Teaching Departments :

Viharilal College of Home and Social Science.

FACULTIES

A list of **FACULTY COUNCILS** (nine) of the university together with the university departments attached thereto are given below :

FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ARTS

Departments of :

Ancient Indian History & Culture, Arabic & Persian, Archeology, Bengali Language and Literature, Economics, English, French, Hindi, History, Islamic History & Culture, Journalism, Languages, Library Science, Linguistics, Museology, Pali, Philosophy, Political Science, Sanskrit, Sociology, South and South-East Asian Studies, Tamil, Urdu.

FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN COMMERCE, WELFARE & BUSINESS MANAGEMENT

Departments of :

Business Management, Commerce.

FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN MEDICINE, NURSING, HOMOEPATHY, AYURVEDIC AND DENTAL SCIENCE

Departments of :

Anatomy, Bio-Chemistry, Medical Micro-Biology & Parasitology, Pathology, Pharmacology, Physiology.

FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN LAW

Departments of :

Law

FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN EDUCATION, JOURNALISM AND LIBRARY SCIENCE

Departments of :

Education, Journalism, Library Science.

FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN FINE ARTS, MUSIC AND HOME SCIENCE

Departments of :

Home Science

FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ENGINEERING AND TECHNOLOGY

Departments of :

Applied Physics, Chemical Technology, Chemical Engineering, Computer Science, Plastic & Rubber Technology, Radio Physics & Electronics.

FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN SCIENCE

Departments of :

Anthropology, Applied Mathematics, Applied Psychology, Bio-Chemistry, Bio-Physics, Botany, Chemistry, Geography, Geology, Marine Science, Molecular Biology & Genetic Engineering, Physics, Physiology, Pure Mathematics, Statistics, Zoology.

FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN AGRICULTURE & VETERINARY SCIENCE

Departments of :

Agriculture

The following departments of the University have been recognised by the UGC as Centres of Advanced Study (CAS) in the Thrust Areas :

Departments of :

Applied Mathematics, Botany, Chemistry, Radio Physics & Electronics

Thrust Area :

Applied Mathematics, Chromosome Cell, Natural Products, Radio Physics & Electronics.

The following departments of the university have been selected as Departments for Special Assistance (DSA) by the U. G. C. :

Departments of :

Bio-Chemistry, Commerce, Economics, History, Political Science, Zoology.

Grants under the COSIST Scheme of the U. G. C. have been sanctioned in favour of the following departments of the University :

Departments of :

Radio-Physics & Electronics, Botany, Statistics, Bio-Chemistry, Geology, Zoology.

In addition to the courses mentioned above, a number of courses are offered by other Institutions according to syllabi approved by the University :

NAME OF THE INSTITUTION	COURSES OFFERED
Institute of Jute Technology	B. Tech & Diploma in Jute Technology
Indian Institute of Social Welfare and Business Management	Diploma in Social Welfare
Medical College, Calcutta	M. D., D. F. M., D. T. C. D.
R. G. Kar Medical College	D. G. O.
N. R. S. Medical College	M. Ch. (Ped. Sug.)
Shyamadas Baidya Sastrapith	M. D. (Ayurvedic Medicine)
Dr. R. Ahmed Dental College	M. D. S.
All India Institute of Hygiene and Public health	M. D. (S. P. M.) M. E. (P. H.) M. V. (P. H.) DDH, DMCW etc.
Institute of Post-Graduate Medical Education & Research	M. Ch. (Plastic Surgery) M. Ch. (Neuro Surgery) M. D. (Ph. Medicine)
School of Tropical Medicine	M. D. (T. M.) M. T. M. & H.

Approximately 11,000 students have been enrolled under various departments of the University.

Total Number of Teachers	...	445	
Total Number of Students	...	M. A.	3190
		M. Sc.	2411
		M. Com	1535

STATEMENT OF STUDENTS ENROLMENT DURING 1995-1996 SESSION
(Except History A. I. H. C. & I. H. C.)

Department	Male			Female		
	Gen	SC	ST	Gen	SC	ST
1. Bengali	50	25	X	224	35	1
2. English	52	13	X	174	7	1
3. Pali	4	1	X	16	4	X
4. Linguistics	11	4	X	53	4	X
5. Sanskrit	9	X	X	57	1	X
6. Urdu	19	X	X	11	X	X
7. Arabic	14	X	X	X	X	X
8. Persian	14	X	X	12	X	X
9. French	3	X	X	7	X	X
10. Hindi	22	X	X	61	2	X
11. Philosophy	7	11	1	150	29	1
12. Pol. Science	23	28	2	142	20	1
13. Sociology	3	X	X	39	X	X
14. Economics	94	6	X	117	4	X
15. Archaeology	4	X	X	18	X	X

AFFILIATED COLLEGES/INSTITUTES

Five new degree colleges at Panchthupi, Murshidabad, Magrahat, Bagha Jatim & Bhangar, South 24-Pargaanas and Deganga, North 24-Parganas have been set up till 21.7.97. These College are presently affiliated for B. A., B. Com. course. One College also with B. Sc. has been set up in North 24-Parganas in 1996-97.

TYPE OF COLLEGES/INSTITUTIONS

	Type			No
1.	General Degree Colleges (B.A./B.Sc./B.Com)	...	...	174
2.	B. Ed. Colleges/Deptts.	...	...	10
3.	Physical Education Colleges	...	...	2
4.	Engineering & Technological Colleges	...	...	4
5.	Art Colleges	...	...	1
6.	Music Colleges	...	...	1
7.	Law Colleges	...	...	3
8.	Medical/Homoeo/Ayurvedic/Colleges etc.	...	...	20
9.	Institute of Jute Technology/Horticulture Institute/ Management Institute/Technical Teachers' Training Institute	...	...	4

RESEARCH SCHEMES (AS AVAILABLE)

At present 360 research schemes/projects are being carried in different departments of the university. Total number of research scholars registered in those schemes is 410.

ACADEMIC STAFF COLLEGE OF THE UNIVERSITY OF CALCUTTA

The Academic Staff College (ASC) was started under the University of Calcutta in November, 1980 with the purpose of developing awareness of linkages betgween society, environment, and higher education. The UGC has been supporting the ASC with hundred percent financial assistance.

PROGRAMME HELD

A. Orientation Programme :

Subject Groups: Chemistry, Commerce, History, Language & Literature, Life Science, Mathematics, Social Science.

Course organized till date :

B. First National Refresher Course in History

First Refresher Course in Political Science

First Refresher Course in Philosophy

Second Refresher Course in Chemistry

Second Refresher Course in History

Second Refresher Course in Philosophy

Second Refresher Course in Political Science

Third Refresher Course in Chemistry

Total number of teachers of colleges and universities participated in the above programmes is 249.

VOCATIONAL STREAMS IN UNDER-GRADUATE COLLEGES

As per scheme recently launched the UGC permitted eighteen affiliated colleges to teach vocational courses from the 1994 academic session. The UGC has sanctioned a financial grant for developing necessary infrastructure and other facilities for these colleges.

The students of honours degree courses are supposed to learn two pass subjects along with the regular honours subjects. But, according to this scheme of UGC the students may select one vocational subject as a pass subject for which 200 marks will be allotted. The duration of the vocational course will be 3 years. Each vocational coruse will be associated with practical classes. The vocational courses have been introduced in the following colleges under the Calcutta University :

Name of the College	Name of the Vocational Courses
Ashutosh College, Calcutta	Industrial Fish & Fisheries.
Acharya Prafulla Chandra College, Calcutta	Industrial Fish & Fisheries, Communicative English, Advertising and Sales Promotion & Sales Management.
Jaipuria College, Calcutta	Functional Hindi, Office Management and Secretarial Practice, Tax Procedure & Practice.
Shantipur College, Naida	Computer Application, Office Management and Secretarial Practice, Tax Procedure and Practice.
Krishnanath College, Berhampore	Sericulture, Tourism & Travel Management, Office Management & Secretarial Practice.
F. C. College, South 24-Praganas	Computer Application, Tax Procedure & Tactics, Tourism & Travel Management.
Berhampore Girls' College	Tourism & Travel Management, Sericulture, Communicative English.
Gokhale Memorial Girls' College, Calcutta	Clinical Nutrition & Dietetics, Communicative English, Advertising, Sales Promotion & Sales Management.
R. K. Mission, Belur	Industrial Chemistry, Computer Application.
Viharilal College of Home Science	Communicative English, Clinical Nutrition & Dietics.
Bidhanchandra College, Hooghly	Office Management & Secretarial Practice.
Umeschandra College, Calcutta	Office Management & Secretarial Practice.
Surendranath College for Women, Calcutta	Communicative English.
Jogamayadevi College, Calcutta	Communicative English
Bijoy Krishna Girls' College, Howrah	Computer Applications
Sorojini Naidu College for Women, North 24-Parganas	(a) Communicative English (b) Computer Applications
Rishi Bankimchandra College, North 24-Pgs.	Computer Application.
Bangaon Dinabandhu Mahavidyalaya	Industrial Fish and Fisheries

Name of the College	**Vocational subjects** prososed to be introduced in order of preference.
Karimpur Panna Devi College	Office Management & Secretarial Practices. Communicative English Tax Procedures and Practices.

Teble Contd.

Name of the College	**Vocational subjects** prososed to be introduced in order of preference.
Scotish Church College	Food Science & Quality Control. Advertising, Sales Promosion and Sales Management.
Dum Dum Motijheel College of Commerce (formerly Dum Dum Motihjeel Evening College of Commerce).	Office Management and Secretarial Practices. Tax Procedures and Practices. Tourism and Travel Mangement.
Krishnath College	Industrial Fish and Fishery. Computer Applications.
Bankim Sardar College	Seed Technology.
Rani Dhanya Kumari College of Commerce	Advertising, Sales Promotion & Sales Management. Tourism and Travel Management. Tax Procedures and Practices.
St. Paul's Cathedral Mission College	Communicatiive English Functional Hindi.
Mrinalini Datta Mahavidyapith	Communicative English Advertising, Sales Promotion and Sales Management. Office Management and Secretarial Practice.
Maharaja Sris Chandra College	Office Management and Secretarial Practice Tax Procedures and Practices. Tourism and Travel Management.
Rishi Bankim Chandra College	Bio-Technology. Seed Technology.
Bidhan Chandra College	Communicative English. Tax Procedures and Practices. Computer Applications.
Baruipur College	Communicative English Tourism and Travel Management. Office Management and Secretarial Practices.
Purash Kanpur Haridas Nandi Mahavidyalaya	Communicative English Office Management and Secretarial Practices. Computer Applications.
Sundarban Mahavidyalaya	Industrial Fish and Fishery. Computer Applications. Communicative English.

Teble Contd.

Name of the College	**Vocational subjects** prososed to be introduced in order of preference.
Brahmananda Keshab Chandra College	Industrial Fish and Fishery.
Budge Budge College	Computer Applications. Computer Maintenance Office Management and Secretarial Practice. Industrial Chemistry. Tax Practice & Procedure.
Shyampur Siddheswari Mahavidyalaya	Computer Applications. Principles, Practice of Management Insurance. Tourism & Travel Management.
Jogesh Chandra Choudhuri College	Computer Applications. Taxation Procedure Communicative English
Sripat Singh College	Computer Applications. Fish Industry & Fishery. Industrial Chemistry.
Bhairab Ganguly College	Advertisement, Sales Promotion and Sales Management.
Serampore College	Industrial and Fish Fishery. Communicative Englsih Tax Procedures and Practices.
Ramkrishna Mission Vivekananda Centenary College	Bio-Technology.

JADAVPUR UNIVERSITY

The main campus of the University is at Jadavpur, located at the southern fringe of Calcutta. Beside, there is another campus at Salt Lake. The University conducts both under-graduate and post-graduate courses.

Faculty—3

DEPARTMENTS

Arts—11, Science—5, Engg. & Tech.—15

AFFILIATED COLLEGE

A. *UNDER-GRADUATE COURSES*

1. SCIENCE FACULTY :

(i) B. SC. Hons. (Day Courses)

Chemistry, Geology, Mathematics, Physics,

B. Sc. Home Science

Two departments have the status of DSA and one that of CAS. Three out of these five departments have the COSIST programme. (see below)

2. ARTS FACULTY :

(ii) B. A. Hons. (Day Courses) ..... 3yrs.

Bengali
Comparative Literature
Economics
Political Science
Sanskrit

B. Ed.
B. Ed. (Physical Edn.)
English
History
Library & Information Science
Physical Education

Five Departments have been give the Status of the Departments of Special Assistance (DSA), one that of Centre of Advanced Studies (CAS) by the UGC. (see below)

3. ENGINEERING FACULTY :

(iii) B. E./B. Tech. (Day courses)..... 4 yrs.

Architecture
Civil Engineering
Electrical Engineering
Food Tech. & Bio-Chem. Engineering
Instrumentation Engineering
Metallurgical Engineering
Production Engineering
Printing Engineering

Chemical Engineering
Computer Science & Engineering
Construction Engineering
Electronics & Telcom. Engineering
Mechanical Engineering
Pharmacy
Power Plant Engineering

Of these 15 departments above three have the status of DSA and 2 that of CAS and one has been identified as Department of Research Support (DRS) by the UGC.

B. *POST-GRADUATE COURSES*

(i) M. A. Day 2 years. Evening Course 3 Years.

Bengali
English
History
Library & Information Science...$1^1/_2$yrs.
Sanskrit
Physical Education.....3 years.

Comparative Literature
Economics
International Relations
Philosophy
Film Studies

(ii) M. Sc. Course (Day)

Chemistry
Geology
Mathematics
Physics

AFFILIATED COLLEGE

M. Sc. (Home Science) in Home Management
M. Sc. (Home Science) in Child Development

(iii) M. E./M. Tech.....$1^1/_2$ yrs.

Architecture	Chemical Engineering
Civil Engineering	Computer Science & Enginneering
Electrical Engineering	Electronics & Engineering
F. T. B. E.	Mechanical Engineering
Metallurgy	Pharmacy
Production Engineering	

(iv) (a) M. Phil in Arts .....2 yrs.

Bengali	Comparative Literature
English	Economics
History	International Relations
Philosophy	Sanskrit

(b) M. Phil. in Science

(v) Master in Computer Application — M. Phil in Environmental Science

(vi) M. Tech. (Bio-Tech.) in Life Science and Bio-Technology.

BESIDES THE FOLLOWING LANGUAGE COURSES ARE BEING CONDUCTED BY THE UNIVERSITY

(i) Bengali	(ii) French	(iii) German	(iv) Portuguese
(v) Russian	(vi) Sanskrit	(vii) Tamil	

SCHOOL/CENTRES IN THE UNIVERSITY

School of.....

Archaeological Studies

Bio-Medical Studies

Bio-Science & Engineering

Educational Technology

Environmental Engineering

Energy Studies

International Relations and Strategic Studies

Mass Communication Studies

Material Science and Technology

Oceanography Studies

Women Studies

Teachers and Student Strenght at Undergraduate and Postgraduate levels of the University (1996-97)

Teachers—628 Students—6523 Professor—193 Reader—253 Lecturers—182

AFFILIATED COLLEGES/INSTITUTES

(i)	B. Ed. College	1
(ii)	College of Home Science	1
(iii)	Institute of Management	1

STUDENTS' ENROLMENT

JADAVPUR UNIVERSITY

1996-97

DEPTT.	TOTAL	MALE				FEMALE			
		TOTAL	GN.	SC.	ST.	TOTAL	GN.	SC.	ST.
U.G. ARTS :									
Bengali	43	14	6	8	—	29	25	4	—
Comp. Litt.	38	8	7	1	—	30	28	2	—
Economics	39	22	20	2	—	17	15	1	1
English	48	15	8	6	1	33	26	5	2
History	50	20	11	7	2	30	26	3	1
Philosophy	38	6	4	2	—	32	29	3	—
Political. Sc.	42	12	6	6	—	30	27	3	—
Sanskrit	11	1	1	—	—	10	9	1	—
B.Ed. Phy.l Edu.	51	51	32	18	1				
B. Lib. Sc.	53	24	14	10	—	29	25	4	—
P.G. :									
Bengali	65	15	13	2	—	50	49	—	1
Comp. Litt.	63	9	9	—	—	54	54	—	—
Economics	59	14	13	1	—	45	45	—	—
English	60	15	14	1	—	45	42	2	1
History	63	15	12	2	1	48	46	2	—
Philosophy	65	8	7	1	—	57	55	2	—
Int. Rela.	63	10	5	5	—	53	52	1	—
Sanskrit	24	11	7	4	—	13	12	1	—
Film Studies	30	16	16	—	—	14	14	—	—
M. Lib.	15	6	2	4	—	9	9	—	—
P. G. : Evening									
Bengali	55	23	16	7	—	32	26	6	—
English	50	31	29	2	—	19	19	—	—
History	50	31	21	10	—	19	17	2	—
Economics	19	10	9	1	—	9	9	—	—
Philosophy	17	3	3	—	—	14	14	—	—
Sanskrit	6	5	4	1	—	1	—	1	—
B. Lib. Sc.	17	15	15	—	—	2	2	—	—
M. Edu.	20	17	15	2	—	3	3	—	—

Table—Contd.

DEPTT.	TOTAL	MALE				FEMALE			
		TOTAL	GN.	SC.	ST.	TOTAL	GN.	SC.	ST.
ARTS :									
M. Phil.									
Bengali	15	9	6	3	—	6	4	2	—
Comp. Litt.	2	—	—	—	—	2	2	—	—
Economics	15	3	3	—	—	12	12	—	—
English	14	3	3	—	—	11	11	—	—
History	12	5	2	3	—	7	7	—	—
Philosophy	13	3	3	—	—	10	10	—	—
Int. Rela.	13	5	5	—	—	8	8	—	—
Bridge Course	22	13	6	7	—	9	6	3	—
U.G. SC.									
Home Sc.	—	—	—	—	—	126	126	—	—
B. Ed.	—	—	—	—	—	12	12	—	—
Chemistry	55	40	40	—	—	15	15	—	—
Geology	36	28	28	—	—	8	8	—	—
Mathematics	77	59	59	—	—	18	18	—	—
Physics	57	49	49	—	—	8	8	—	—
P.G. Sc.	Home	Sc.	(HD.)	—	—	12	12	—	—
	H. Sc.	(Ch.Sc.)	—	—	—	9	9	—	—
	H. S.	(FRM)	—	—	—	4	4	—	—
Chemistry	32	22	21	1	—	10	10	—	—
Geology	24	15	14	1	—	9	9	—	—
Physics	39	23	23	—	—	16	16	—	—
Mathematics	59	41	38	3	—	18	18	—	—
P.G. Evening									
Chemistry	30	21	21	—	—	9	9	—	—
Mathematics	60	48	45	3	—	12	11	1	—
Physics	35	27	26	1	—	8	7	1	—

Table—Contd.

DEPTT.	TOTAL	MALE				FEMALE			
		TOTAL	GN.	SC.	ST.	TOTAL	GN.	SC.	ST.
U.G. Engg.									
Mech.	101	101	79	21	—	—	—	—	—
Elec.	99	87	69	18	—	12	11	1	—
Civil.	100	79	76	3	—	21	20	1	—
Chenical	67	61	50	11	—	6	3	3	—
Tele. Co.	46	45	37	8	—	1	—	1	—
Architecture	22	16	16	—	—	6	6	—	—
Metallugy	23	20	17	3	—	3	3	—	—
Pharmacy	71	52	49	3	—	19	18	—	—
Computer Sc.	58	53	43	9	1	5	2	2	1
Productive	36	36	29	7	—	1	1	—	—
Printing	9	8	8	—	—	1	1	—	—
Power Plant	30	30	27	3	—	—	—	—	—
Constn.	24	22	22	—	—	2	—	—	—
Instrument	23	22	22	3	—	1	—	1	—
B. Tech. (Inst)	21	20	17	3	—	1	1	—	—
B. Tech. (F.T.B.E.)	13	11	11	—	—	2	2	—	—
P.T. Mech.	35	35	35	—	—	—	—	—	—
Electrical	32	30	30	—	—	2	2	—	—
Civil.	36	35	35	—	—	1	1	—	—
P.G. Mech.	17	16	10	6	—	1	1	—	—
Electrical	22	17	13	4	—	5	4	1	—
Civil	24	17	16	1	—	7	7	—	—
Chemical	15	9	6	3	—	6	6	—	—
Tele. Com.	25	22	21	1	—	3	3	—	—
Pharm.	26	16	13	3	—	10	10	—	—
Metallurgy	5	5	2	3	—	—	—	—	—
Architect	3	3	3	—	—	—	—	—	—
Comp. Sc.	26	25	22	3	—	1	1	—	—
Prodn.	10	10	6	4	—	—	—	—	—
M. Tech.(F.T.B.E.)	4	—	—	—	—	4	4	—	—
M. Tech. (Inst.)	1	—	—	—	—	1	1	—	—
M. Tech.(Bio Med.)	8	5	5	—	—	3	3	—	—
M. Tech. Energy	10	7	7	—	—	3	3	—	—
M. C. A.	42	39	39	—	—	3	2	—	1

DEPTT.	TOTAL	MALE				FEMALE			
		TOTAL	GN.	SC.	ST.	TOTAL	GN.	SC.	ST.
ARTS : U.G.									
Bengali	45	19	13	5	1	26	19	6	1
Comp. Litt.	41	5	5	—	—	36	36	—	—
Economics	46	24	20	4	—	22	19	3	—
English	47	17	11	6	—	30	25	4	1
History	43	11	4	6	1	32	28	4	—
Philosophy	42	7	6	1	—	35	31	4	—
Political Sc.	46	12	8	1	3	34	29	2	3
Sanskrit	10	—	—	—	—	10	9	1	—
B.Ed. (Phyl.)	60	60	41	16	3	—	—	—	—
B. Lib. Sc.	54	28	19	9	—	26	24	2	—
P.G.									
Bengali	59	16	14	2	—	43	40	3	—
Comp. Litt.	63	16	16	—	—	47	47	—	—
Economics	59	28	23	5	—	31	29	2	—
English	62	15	14	1	—	47	44	3	—
History	60	18	9	9	—	42	38	4	—
Philosophy	75	11	7	4	—	64	58	6	—
Int. Rela.	70	12	8	3	1	58	56	2	—
Sanskrit	24	5	3	2	—	19	18	1	—
Film St.	29	15	15	—	—	14	14	—	—
Evening									
Bengali	50	20	14	6	—	30	26	4	—
English	52	31	25	6	—	21	19	2	—
History	51	29	19	10	—	22	15	7	—
Economics	22	8	8	—	—	14	14	—	—
Philosophy	19	6	—	—	—	13	13	—	—
Sanskrit	6	4	3	1	—	2	2	—	—
M. Lib.	14	8	5	3	—	6	6	—	—
M. Phil. Beng.	15	6	5	1	—	9	7	2	—
Com. Litt	5	1	1	—	—	4	3	1	—
Economics	16	6	5	1	—	10	10	—	—

Table—Contd.

DEPTT.	TOTAL	MALE				FEMALE			
		TOTAL	GN.	SC.	ST.	TOTAL	GN.	SC.	ST.
English	15	4	4	—	—	11	11	—	—
Hisjtory	14	6	5	1	—	8	7	1	—
Philosophy	16	4	4	—	—	12	11	1	—
Int. Rela.	15	2	2	—	—	13	13	—	—
Sanskrit	3	1	—	1	—	2	2	—	—
Bridge Course	7	5	5	—	—	2	2	—	—
SC. U. G.									
Home Sc.	—	—	—	—	—	125	125	—	—
B. Ed.	—	—	—	—	—	15	15	—	—
Chemistry	56	46	—	—	—	10	—	—	—
Geology	38	34	29	5	—	4	3	—	1
Mathematics	75	59	44	15	—	6	13	—	3
Physics	56	48	37	11	—	8	8	—	—
P.G.									
Home Sc.	—	—	—	—	—	12	12	—	—
HD	—	—	—	—	—	11	11	—	—
Chemistry	31	22	18	4	—	9	8	1	—
Geology	24	18	16	2	—	6	6	—	—
Physics	36	29	25	4	—	7	—	—	—
Mathematics	62	55	49	6	—	7	6	1	—
P. G. Evening									
Chemistry	35	29	28	1	—	6	6	—	—
Mathematics	60	51	47	4	—	9	7	2	—
Physics	34	32	27	5	—	2	1	1	—
Life Sc.	7	5	3	2	—	2	2	—	—
ENGG. U. G.									
Mech.	94	93	74	19	—	1	1	—	—
Electrical	101	90	72	18	—	11	8	3	—
Civil	93	78	76	2	—	15	15	—	—
Chemical	65	56	46	10	—	9	6	3	—

Table—Contd.

DEPTT.	TOTAL	MALE				FEMALE			
		TOTAL	GN.	SC.	ST.	TOTAL	GN.	SC.	ST.
Ed. Tele Com.	48	44	35	9	—	4	4	—	—
Architect.	22	16	16	—	—	6	6	—	—
Metallurgy	22	17	17	—	—	5	5	—	—
Pharmacy	64	45	43	2	—	19	19	—	—
Comp. Sc.	54	53	43	10	—	1	1	—	—
Printing	9	8	8	—	—	1	1	—	—
Power Plant	22	18	15	3	—	4	4	—	—
Const.	22	20	20	—	—	2	2	—	—
Instt.	24	21	18	3	—	3	2	—	—
Prodn.	36	34	30	4	—	2	2	—	—
I.E.E. (B. Tech.)	21	18	14	4	—	3	3	—	—
B. Tech. (Fec.)	15	14	11	3	—	1	1	—	—
P. G. :									
M.E.	20	18	15	3	—	2	2	—	—
E. E.	21	18	15	3	—	3	3	—	—
C. E.	21	18	17	1	—	3	3	—	—
Chem.	4	1	—	1	—	3	2	1	—
Tele. Com.	24	23	19	4	—	1	—	1	—
Pharm.	26	19	—	—	—	7	7	—	—
Metallurgy	10	9	9	—	—	1	1	—	—
Architect	5	2	2	—	1	3	3	—	—
Comp. Sc.	32	30	26	6	—	2	2	—	—
Prodn.	8	8	7	1	—	—	—	—	—
M. C. A.	38	31	25	7	—	7	6	1	—
M. Tech.	11	10	10	—	—	1	1	—	—
P. T. M. E.	34	34	34	—	—	—	—	—	—
E. E.	33	32	32	—	—	1	1	—	—
C. E.	35	34	34	—	—	1	1	—	—

Reader	1993-94 No. of output Faculty	1994-95 No. of output Faculty	1995-96 No. of output Faculty	Total No. for 3 Yrs.
i) Text Books	24	28	35	87
ii) Other Books	27	48	39	114
iii) Monographs	12	10	9	31
iv) Papers presented at Conference, Seminers, Workshops	414	504	600	1518
v) Research/Technical Reports	40	57	70	167
vi) Number of papers published in peer revised journals : National	370	492	510	1372
International	225	242	246	713
vii) Patents	—	4	—	4
viii) Any other	9	5	10	24

Number of teachers in position having D. Sc. or National Awards like Gyan Peeth Award/Padmashree/Bhatnagar/Hari Om Ashram/INBA Award/Nomination to International or National Bodies/Career Awards/Best Teacher Awards, etc.

Number	Type of Award
5	Bhatnagar
7	FNA, Delhi
Above 50	National/International Bodies
15	Career Awards
10	D. Sc.
1	C. V. Raman Award
7	Fellow National Academy of Science, Bangalore
1	National Science Academy, Allahabad

TABLE-2 : DEPARTMENTS IDENTIFIED BY UGC FOR DSA, CAS & COSIST PROGRAMMES

Department	DSA	CAS	COSIST	DRS
Faculty of Arts				
★ Comparative Literature	1987	—	—	—
★ Economics	1987	—	—	—
★ English	1991	—	—	—
★ International Relations	1987	—	—	—
★ Philosophy	1977	1985	—	—
★ Sanskrit	1989	—	—	—
Faculty of Engg. & Technology				
★ Civil Engg.	1991	—	1988	—
★ Electrical Engg.	1983	1990	1988	—

Department	DSA	CAS	COSIST	DRS
★ Food Technology & Bio-Chemical Engg.	1991	—	1997	—
★ Production Engineering	1983	1990	1988	
★ Electronic & Tele-Communication Engg.	—	—	—	—
Faculty of Science				
★ Chemistry	1983	—	1988	—
★ Geological Science	1972	1977	1988	—
★ Mathematics	1983	—	1994	—
★ Physics	—	—	1989	—

DSA = Department of Special Assistance
CAS = Centre of Advanced Studies
COSIST = Committee for Infrastructural Development in Science & Technology
DRS = Departmental Research Scheme

Name of the Programme

(i) **Special Assistance Programme :**

DSA	CAS	DRS
Chemistry	Geological Sciences	Electronics & Tele-communication Engg.
Geological Sciences		
Mathematics	Electrical Engg.	
Civil Engineering	Production Engg.	
Electrical Engg.	Philosophy	
Food Tech. & Bio-Chem. Engg.		
Production Engg.		
Pharmaceutical Tech.		
Comparative Literature		
Economics		
English		
International Relations		
Philosophy		
Sanskrit		

(ii) USIC/COSIST : Yes, level II USIC

(iii) CONSSIP/COSIP : **COSIST**
Chemistry, Mathematics, Physics, Civil Engg.., Electrical Engg., Production Engg., F.T.B.E. (Food Technology & Biochemical Engg.) Deptt. of Geological Sciences, COSIP.

(iv) Environment Education/ Emerging Areas (Specify)/ Vocational Education :
(i) Computer Application Programme at the Deptt. of Physics under Emerging Areas
(ii) Atmosphere Science Programme at the Deptt. of Physics under the Emerging Areas
(iii) M. Phil. Course in Environment Science (full time—$1^1/_2$ year) at the Faculty of Science under the Emerging Areas
(iv) Introduction of a paper on Mathematical Modelling of Ecological & Environment System under the Emerging Areas—Environment Sciences Programme

(v) M. Sc. Electronics Course under Emerging Areas at the Department of Physics

(vi) Assistance on Cognitive Science at Deptt. of Philosophy under the Innovative Programme.

(vii) Environment Education Curriculam Development & Teachers' Training sponsored by UNESCO at the U. G. and P. G. level.

U. G. C. RESEARCH SCHEMES/PROJECTS

Sl. No.	Name	Department	Schemes/Project
1.	Dr. Asesh Roy Choudhuri	Physics	"On the role of ..... in plasma".
2.	Dr. M. C. Chaudhury	Sanskrit	"Mysticysm ..... Context".
3.	Dr. Pratap Chakraborty	F.T.B.E.	"Lactic Acid ..... Precipitation".
4.	Dr. Subrata Pal	Bio-Tech.	"Tritrological ..... Human Joints".
5.	Dr. R. N. Banerjee	Chemistry	"Kinetic ..... Complex".
6.	Dr. K. Goswami	Physics	"Development ..... effect".
7.	Dr. K. K. Kundu	Chemistry	"Single Ion ..... system".
8.	Dr. A. V. Dey	Pharmacy	"Investigation ..... Antineoplastic".
9.	Dr. Chandana Sengupta	–"do"–	"Development ..... connectivity".
10.	Prof. K. K. Nagchaudhury	–"do"–	"Pharmacological ..... Haemmorhgbin".
11.	Prof. K. K. Sengupta	Chemistry	"Micellar ..... significance".
12.	Prof. S. Basu Mallik	Geo. Science	"Palaeomagnetic ..... India".
13.	Prof. A. K. Nagchaudhury	Pharmacy	"Studies ..... Antivenine".
14.	Dr. D. K. Chattoraj	F.T.B.E.	"Hydration ..... Mixtures".
15.	Dr. (Mrs.) C. Sengupta	Pharmacy	"Studies on ..... Agents".
16.	Dr. T. K. Pal	–"do"–	"Standardisation ..... Microcapsules".
17.	Dr. S. C. Lahiri	–"do"–	"Investigation ..... Lipidemic".

R. A./U.G.C.–ARTS-SCIENCE

Research Associates

1. Sm. Shakuntala Ghosh
2. Sri Debasish Mukherjee — Special Asst. Programme in the Deptt. of Mathematics.
3. Sm. Sumita Saha Roy
4. Sm. Jayasree Sarkar

1. Sm. Srabani Bhowmik — DBT—Life Science/Bio-Tech.
2. Sm. Laxmi Venkat Raman

1. Sm. Simrata Bedi — Direct Awardee in Engineering.

1. Dr. Shyamasree Gupta
2. Dr. Jyotsna Basu
3. Dr. Lana Mukhopadhyay — U.G.C. Research Associates under Arts & Science.
4. Dr. Siddhartha Pal
5. Dr. Chayanika Bose
6. Dr. Saswati Mukherjee

U.G.C. RESEARCH SCIENTIST

Research Associates

1.	Dr. Banasri Hazra	Pharmacy
2.	Dr. Tapan Kumar Chatterjee	–"do"–
3.	Dr. Lali Chatterjee	Physics
4.	Dr. Abhijit Dutta	History
5.	Dr. Pritish Majumder	Pharmacy

U.G.C.—J.R.F. SCHEME IN ARTS/SCIENCE

30 SCHOLARS IN ARTS.

82 SCHOLARS IN SCIENCE

U.G.C. TEACHER FELLOWSHIP

1. Sm. Sabita Barui
2. Sri Chinmoy Guha
3. Sm. Mahua Basu
4. Sri N. C. Chattopadhyay
5. Sri Nirmal Maity
6. Sm. Namita Nandi
7. Sri Sambhu Nath Samanta
8. Sri Sanjoy Bhattacharyya
9. Sm. Sumana Purkayastha
10. Sri Santosh Kumar Roy
11. Sm. Tapati Roy

CSIR RESEARCH SCHEMES

1.	"Comprehensive studies ..... etc."	Dr. R. N. Joardar	Physics
2.	"Arsenic Species ..... etc."	Dr. Dipankar Chakraborty	Chemistry
3.	"Effect of Recombition ..... etc."	Dr. D. P. Bhattacharya	
4.	"Excited state..... Media"	Dr. Nitin Chattopahdyay	Chemistry
5.	"Electrochemical ..... Interaction"	Dr. S. P. Moulick	Chemistry
6.	"Chemistry of Ruthanium ..... etc."	Dr. Samaresh Bhattacharyya	Chemistry
7.	"Fold Interference ..... etc."	Dr. S. K. Ghosh	Geo. Science
8.	"Oxidative behaviour ..... etc."	Dr. K. K. Sengupta	Chemistry
9.	"Chiral synthesis ..... Inhibitors"	Dr. Soumitra Sengupta	Chemistry
10.	"Rate of change ..... coast of India"	Dr. P. K. Banerjee	Geo. Science
11.	"To write two ..... global context"	Dr. Asoke Mukherjee	Geo. Science
12.	"Thermal ..... solid state"	Dr. S. Mitra	Chemistry
13.	"Statistical mechanics ..... properties"	Dr. R. V. Gopala Rao	Chemistry
14.	Carbonate ..... setting"	Dr. P. K. Bose	Geo. Science
15.	"Studies on the ..... picture"	Dr. S. K. Sen	Geo. Science
16.	"Photo excited and thermal ..... dyes"	Dr. S. C. Bera	Chemistry
17.	"Synthesis characterization ..... solid state"	Dr. S. Mitra	Chemistry
18.	Theoretical studies ..... compounds"	Dr. Kalyan Kumar Das	Chemistry

CSIR RESEARCH ASSOCIATES

1.	Ballary Chakraborty	(Direct award)
2.	Sarmila Sarkar	"
3.	Madhumita Barua Basu	"
4.	Jibendu Sekhar Roy	"
5.	Schandra Sen	"
6.	Kinjalkini Biswas	"
7.	Bidyut Kumar Bhui	"
8.	Tuhindri Sen	"
9.	Biswajit Mukherjee	"
10.	Anupam Bishyee	"
11.	Iti Mishra	"
12.	Amit Chatterjee	"
13.	Anindita Chakraborty	"
14.	Mr. Santanu Das	"

CSIR POOL OFFICER

1. Dr. Mridul Bose

CSIR DIRECT FELLOWSHIP

1. Anindya Ghosh Choudhury
2. Biswajit Majumder
3. Sdishna Sarkar
4. Piyas Samanta
5. Santanu Das
6. Samaresh Ch. Biswas
7. Supratim Pal
8. Indranil Mukherjee
9. Saunak Palit
10. Kishore Mukhopadhyay
11. Pratik Mukherjee
12. Asesh Krishna Datta
13. Sukanta Dey
14. Sisir Kanti Mondal
15. Pulak Kumar Mukherjee
16. Dipak Kesh
17. Saswati Dutta
18. Nabin Baran Manik
19. Mr. S. Annadurai
20. Amitabha Das
21. Uttam Kumar Bhui
22. Subhendu Maiti
23. Sujit Mitra
24. Sukanya Bhattacharyya
25. Supriya Das
26. Amitava Kayal
27. Sanjoy Chatterjee
28. G. N. Bhandari
29. Parimal Kundu
30. Aloke Sarkar
31. Sabitri Pal
32. Manjusri Sengupta
33. Dhruba Samanta
34. Kakali Saha
35. Sarbani Baidya
36. S. Tamilvanan
37. Nabendu Pore
38. Farook Rahman
39. Suparna Goswami

OTHER SCHEMES/PROJECTS

1.	D.S.T.	"Storage ..... Cycle" —Dr. H. K. Gangopadhyay	Food Tech.
2.	D.S.T.	"Chemical ..... etc." —Dr. R. V. Gopala Rao	Phy. Chemistry
3.	D.S.T.	"Studies in ..... strings" —Dr. Asit Banerjee	Physics
4.	D.S.T.	"Palaeological ..... India" —Dr. S. Bardhan	Geo. Science
5.	D.S.T.	"Ion channel ..... etc." —Dr. (Mrs.) Papiya Nandy	Physics
6.	D.S.T. (W.B.)	"Studies on ..... Purulia" —Dr. S. K. Nag	Geo. Science
7.	D.S.T.	"Oxobridge ..... etc." —Dr. R. N. Banerjee	Chemistry
8.	D.S.T.	"Organometalic ..... etc." —Dr. Rajib Lal Dey	Chemistry
9.	D.S.T.	"Technics of ..... Field" —Dr. Ajit Bhattachariya	Geo. Science
10.	D.S.T. (W.B.)	"Integrated ..... etc." —Dr. A. L. Mukherjee	Geo Science
11.	D.S.T.	"Process ..... Zeolite" —Dr. T. K. Pal	Pharmacy
12.	D.S.T. (W.B.)	"Management of ..... etc." —Dr. Malaya Chatterjee	Pharmacy
13.	D.S.T.	"Mathematicals studies ..... Ocean" —Dr. (Mrs.) Sudeshna Banerjee	Mathematics
14.	D.S.T.	"Chemistry of ..... etc." —Dr. Samaresh Bhattacharya	Chemistry
15.	D.S.T.	"Aspects ..... Experiments" —Dr. A. Dutta	Physics
16.	D.S.T.	"On a Group ..... Linear" —Dr. A. Roy Choudhury	Physics
17.	D.S.T.	"Sedimentation ..... Bihar" —Dr. P. K. Bose	Geo. Science
18.	D.S.T.	"Basin ..... etc." —Dr. Subir Sarkar	Geo. Science
19.	D.S.T.	"Deep crustals ..... etc." —Dr. Pulak Sengupta & —Dr. Somnath Dasgupta	Chemistry

20.	D.S.T. (W.B.)	"Study of ..... Drugs" —Dr. (Mrs.) Sujata Ghosh Dastider	Pharmacy
21.	D.S.T.	"Development of ..... Characteristics" —Dr. T. K. Pal	Met. Engg.
22.	D.S.T.	"Creening .....Study" —Dr. Biplab Bhattacharya	Chemistry
23.	D.S.T.	"Borondoped ..... $CO_3 + H_3$ —Dr. Kalyan Kr. Chattopahdyay	Physics

---

1.	D.A.E.	Award of Fellowship —Dr. M. Khan	Mathematics
2.	D.A.E.	Award of K. S. Krishnan Research Fellowship —Dr. Sanjib Kumar Bose	Civil Engg.
3.	D.A.E.	"Development of ..... Industries" —Dr. Bratish Sengupta	Civil Engg.
4.	D.A.E.	"Studies on ..... Cell" —Dr. D. N. Ghosh	Chemical Engg.
	D.O.D.	"Evolution ..... etc." —Dr. R. K. Majumder	Geo. Science
	IUC/DAEF	"Structural ..... Diffraction" —Dr. R. N. Joardar	Physics
	D.B.T.	"Ministry of Science ..... etc." —Dr. S. Mukherjee	Physics
	D.B.T.	"Fermentative ..... Enzyme" —Dr. Parimal Chattopadhya	Food Tech.

I NSA SR. SCIENTIST

1,	Prof. R. V. Gopala Rao	.....	Chemistry
2,	Prof. S. K. Sen	.....	Geo. Science
3.	Prof. D. K. Chattoraj	.....	Food Tech.
4.	Prof. Manabendu Banerjee	.....	Sanskrit
5.	Prof. P. K. Banerjee	.....	Geo. Science
6.	Prof. Asoke Mukherjee	.....	Geo. Science
7.	Prof. Supriya Roy	.....	Geo. Science
8.	Prof. S. K. Ghosh	.....	Geo. Science

I.C.M.R.	"Bio-Pharmaceutical ..... etc." —Dr. T. K. Pal	.....	Pharmacy
I.C.M.R.	"Bio-Chemical ..... of Mice" —Dr. Ranjit Karmaker (Direct Award)	.....	Pharmacy

I.C.H.R.	NIL		
I.C.P.R.	General Fellow Smt. Arundhati Mukherjee (Direct Award)	.....	Philosophy
I.F.S.	Dr. Banasree Hazra	.....	Pharmacy
I.C.C.R.	Bangladesh Fellowship—24 Scholars admitted under SAARC and Cultural Exchange Programme.		
AICTE			
Q.I.P	12 Scholars only		

IMPROVEMENT OF TEACHING LEARNING PROCESS

The Departments/Schools/Centres organised time to time several refresher's courses and short courses in different disciplines. The target group consists of teachers of other Universities, Scientist, Engineering & Technologist from R & D and Industrial houses and members of the NGO. The University conducted several Refershers Courses sponsored by U.G.C. such as Economics, Philosophy, English, Geology, Physics and Ocean Science and Technology. A large number of short term courses for the Industry had been conducted by the Departments of Engineering and Technology under the sponsorship of AICTE, U.G.C. and Industrial houses.

The University through its Inter/Multidisciplinary Schools and Centres organised a number of awareness programme in the national priority areas such as Environment ; Ocean Development ; Energy Water Resources ; Women Development ; Education Technology ; Strategic significance of Natural Resources, Global integration/ disintegration, Nuclear Proliferation, Transportation, Quality Management, Food Safety and Preservation, Cognitive Science etc.

The University in the IX plan period intends to increase the number of Refresher's courses of U.G.C. in the emerging areas. Also wishes to organise a large number of short and need based courses in different disciplines of Arts, Science and Engineering and Technology.

ESTABLISHMENT OF ACADEMIC STAFF COLLEGE

Since 60's the University started conducting refersher courses in different disciplines of Arts, Science and Engineering. During late 70's the University also participated in COSIP-ULP activities in some selected disciplines. Till date the University has been identified by U.G.C. to conduct a large number of Refresher Courses in different disciplines including multi-disciplinary streams. This adds to project the recognition of this University in successful conduction of such courses. Moreover, ours being a unitary University it is favoured with the ease of drawing suitable in-house resource persons (who also serve in conducting refresher courses in other Institutions).

Thus the University has an ideal situation for establishing a Academic Staff College to serve the contemporary needs for Refreshing and Orienting the teachers in the respective disciplines.

TABLE–4 :

LIST OF U.G.C. SPONSORED REFRESHER'S COURSES

★ **Geological Sciences :**

(i) Economic Geology
(ii) Structural Geology
(iii) Stratigraphy & Palaeontology
(iv) Metamorphic Petrology & Sedimentology
(v) Geology
(vi) Geological Sciences for today

★ **Environmental Education**

★ **Ocean Science & Technology**

★ **Oceanography**

★ **Physics**

★ **Sanskrit :** Literature and Literary Criticism/Indian Philosophy

★ **Philosophy :**

(i) Indian Philosophy
(ii) Social and Political Philosophy-Eastern and Western
(iii) Epistemology-Indian and Western
(iv) Contemporary Study in Eastern and Western Philosophy
(v) Metaphysics-Eastern and Western
(vi) Philosophy of Logic

★ **Economics :**

(i) Economic Theory and Monitoring and Financial Economics
(ii) Theory and Development Economics

★ **English: :** Twentieth Century Literature
Literary Theory
American Literature
Renaissance Literature

★ **Library & Information Science :**

(i) Computerised Cataloguing
(ii) Modernisation of Library & Information Sciences

ENVOLMENT OF TEACHERS AND STUDENTS OF DIFFERENT SCHOOLS/CENTRES

Name of the Schools/Centres	Number of Teachers/Members	Number of /Students/ Research Scientist	Research Fellows & Others
1. Archaeological Dating.	Director–1	Research Scientist–1	Hon. Res. Faculty–1
2. Bio Science and Engg.	2	7	—
3. Education Technology	29	—	—
4. Energy Science	12	12	—
5. Environmental Science	1	16	13 Field workers
6. International Relation and Strategic studies	15	25	—
7. Material Science & Technology	17	—	—
8. Water resources Studies	4	—	—
9. Women's Studies	5	10	—
10. Women's Studies	—	—	—
11. CAD / CAM centre	7	—	1 Director 1 Research Officer 1 Comp Personal 1 Editor Office Asstt.

13.	Condensed Matter Physics	10	12 Scholars, a few members	1 Research Fellow
14.	European Studies	22	6	—
15.	Human Settlement Planning	2	1	—
16.	Indology	4	1	—
17.	Knowledge Based System	19	1	—
18.	Marxian Studies	13	A few students engaged in Research	—
19.	Micro Processors Applications for Training Education Research	4	1 (Research Scholars)	—
20.	Plasma Physics	15	10 Researchers	—
21.	Thermal Power & Industrial Process Management	18	—	—
22.	Quality Management System	—	—	—
23.	Refugee Studies	6	5 Research Scholars	—
24.	Relativity & Cosmology Research	10	20 Research Scientists	—
25.	Surface Science	5	2 Research Scholars	—
26.	Transport Studies	5	4	—
27.	I. C. Design & Fabrication	7	3	—

Statement of Development Schemes (Construction) 1995-96

				Rs.
1.	Boys' Hostel : 100 Seated	—	—	3,34,364
2.	Food Tech. Bio Chem. Engg. : Phase : I	—	—	1,07,541
3.	New Girls' Hostel : Engg. & Tech.	—	—	15,00,000
4.	Multi-Storied Teachers' Quarter :	—	—	2,00,000
5.	Mathematics : 4 Storied Bldg.	—	—	20,00,000
6.	Printing Engg. Salt Lake	—	—	10,00,000
7.	Research Scholar Hostel :	—	—	4,00,000
8.	Superintendent's Quarter (Hostel)	—	—	6,56,024
9.	School of Oceanographic Studies	—	—	6,00,000
10.	U. S. I. C.	—	—	89,864
11.	Chemistry Cosist	—	—	1,36,129
12.	Civil Engg. D. S. A.	—	—	3,00,000
13.	Math. D. S. A. Phase : II	—	—	2,83,500
14.	Arts Block	—	—	1,34,000
15.	Amenity Centre. Phase : II	—	—	4,25,001
16.	Chemical Engg.	—	—	3,66,222
17.	Central Library Phase : I-III	—	—	2,77,394
18.	Central Library Phase : IV	—	—	5,50,000
19.	Darshan Bhavan. 1st Part of 2nd	—	—	2,00,000
20.	Elect. 2 Tele. Commn : Engg.	—	—	2,78,989

				Rs.
21.	Food Tech. & Bio. Chem. Engg. (N.B.T.B.)	—	—	6,00,000
22.	Film Studies	—	—	3,00,000
23.	Guest House	—	—	3,00,000
24.	Mech. Engg. 3rd Floor	—	—	1,80,000
25.	Pharmacy	—	—	2,00,000
26.	P. G. Architecture Lab.	—	—	1,00,000
27.	P. G. Science : 3rd Floor	—	—	16,00,000
28.	Science Block	—	—	91,800
29.	U. G. Sc. (for Arts)	—	—	5,81,600
30.	P. G. Bio. Med : Engg. Project Room	—	—	53,000
31.	Comp. Litt : D. S. A.	—	—	1,74,655
32.	Elect. Engg. D. S. A.	—	—	3,00,000
33.	Economics D. S. A.	—	—	4,00,000
34.	Food Tech. Bio. Chem. Engg. D. S. A.	—	—	932
35.	Prodn. Engg. D. S. A.	—	—	11,75,000
36.	Examination Hall VIIIth Plan.	—	—	9,00,000
27.	Library VIII th Plan.	—	—	18,00,000

Development Scheme : (Constn.) : 1996-97

1.	Girls' Hostel : VIIIth Plan (Engg. & Tech.)	—	—	7,14,752
2.	Cosist : Chemistry Bldg.	—	—	1,05,329
3.	Prodn. Engg. Bldg. (2nd Floor Extension–Rear)	—	—	29,255
4.	Constn : 4 Storied Bldg. (Inter disciplinary School)	—	—	51,341
5.	Students' Amenity Centre, Phase : I	—	—	27,156
6.	Students' Amenity Centre, Phase : II	—	—	46,615
7.	University Press Building	—	—	19,546
8.	Extn. to Metallurgical Bldg.	—	—	84,140
9.	School of Oceanographic Studies	—	—	5,79,507
10.	Extn. to 2nd : Floor Darshan Bhavan for Philosophy under CAS Programme	—	—	1,73,984
11.	Extn. to 4th Floor Computer Centre Bldg. Deptt. of E. T. C. E.	—	—	31,585
12.	D. S. A. Chemistry Bldg.	—	—	63,151
13.	Extn. to Mech. Engg. Bldg. 3rd Floor : (Part. Phase : II)	—	—	1,22,720
14.	Common Lecture Hall	—	—	1,61,108
15.	Resarch Scholars Hostel	—	—	61,383

RABINDRA BHARATI UNIVERSITY

Main Campus at 56, B. T. Road, Calcutta-700 050
Year of establishment : May 8, 1962

Rabindra Bharati University was founded on May 8, 1962 under the Rabindra Bharati Act of the Govt. of West Bengal to mark the birth centenary of Poet Rabindranath Tagore. Its main objective was "to encourage in conformity with the ideas and thoughts of Rabindranath Tagore, the integration of cultural heritage of the nation consistent with its linguistic and socio-economic history and to enable it to function more efficiently as a University encouraging and providing for instruction, teaching, training and research...". One of the attractive house of the University is the Maharshi Bhaban & Bichitra which houses- i) a biographical museum on Tagore and aspects of the Bengal Renaissance; ii) 3 Art gallaries-one with Tagore's own paintings (original), another with portraits and effects of the family and the third with the paintings of the Bengal School painters displaying items done by Abanindranath Tagore, Nandalal Bose, Jamini Roy, Ramkinkar Baij etc.

B. T. Road Campus (Emerald Bower)

FACULTY & DEPARTMENT

ARTS FACULTY (CREATED IN 1976) :

Subject	3-year UG courses (Hons.)	2-year PG
Bengali	Do	Do
Economics	Do	Do
English	Do	Do
History	Do	Do
Philosophy	Do	Do
Sanskrit		Do

M. Phil	2 Yrs.	No. of seats
Bengali	Do	25
English	Do	5
Philosophy	Do	6

[Condensed Day Hons. Course, Certificate & Diploma course in Sanskrit (evening 1 year Condensed Course)]

PROFESSIONAL COURSES : 1. Library & Information Science
2. Education (B. Ed.).....evening...1 Yr.

FINE ARTS FACULTY (Jorasanko Campus)

	UG 3yrs (Hons.)	PG 2 Yrs.
Dance		
Drama	Do	Do
Instrumental Music & Percussion	Do	Do
Rabindra Sangeet	Do	Do
Vocal Music	Do	Do

BA (Spl. Hons.)	2 Yrs.
Dance	Do
Drama	Do
Inst. Music & Percussion	Do
Rabindra Sangeet	Do
Vocal Music	Do
Sanskrit	Do

VISUAL ARTS FACULTY (Jorasanko Campus)

Applied Art
Graphics (Print-making)
Sculpture
History of Art
Painting

MASTER IN VISUAL ARTS (MVA)—2 YEARS

Applied Arts
Graphics (Print-making)
Sculpture
History of Art
Painting

Pre-degree-2 Yrs.
- All Fine Arts Subjects.
- Diploma in Tagore literature-1 Yr.
- Diploma in Sanskrit Language & literature-1 Yr.
- Certificate in Sanskrit-1 Yr.

BACHELOR IN VISUAL ARTS (BVA)—5 YEARS

Applied Arts	History of Art
Graphics (Print-making)	Painting
Sculpture	

No. of students in U. G. and P. G. courses 1997 as on 31-3-97 : 5547
(Male–2770, Female–2777, SC/ST–770, Foreign Students–79)

ENROLMENT IN OTHER COURSES		DURATION
1. B. Ed. (Arts)	... 260	... 15 months
2. B. Lib. & Information Science (BLIS) Arts	... 50	... 1 year
3. Dip. in Tagore Literature	... 55	
4. Pre-degree	... 321	Pre-Degree Course
5. Pre-doctoral	... 36	2 years. in all Fine Arts Subjects
Students enrolled in research programmes	... 64	Diploma in Tagore Literature (1 year)
No. of Teachers (1996-97)	... 145	Courses for Affiliated Colleges/
No. of officers, non-teaching employees	..: 363	Institutions (See Appendix–IB)
Award of Ph. D–52 D. Litt–5		

U. G. C. SPONSORED CENTRES FOR STUDY AND RESEARCH :

1. Vedic Literature (Arts) 2. Tagore's Life and Work (Arts)
3. Centre for Adult, Continuing Education and Extension.
4. Computer Centre.

OTHER ESTABLISHMENT AT JORASANKO CAMPUS

THE WEST BENGAL STATE ACADEMY OF DANCE, DRAMA, MUSIC AND VISUAL ARTS

Biographical Museum on Poet Tagore and Bengal Renaissance.
Art Gallery : (a) Tagore's Paintings, (b) Family Portraits, (c) Bengal School of Paintings.

The Centre for Adult, Continuing Education and Extension, Community Services, National Service Scheme, Rabindra Bharati Sanskrit Pracher Prakalpa–2 centres.

No. of Affiliated Institutions : 54
Art College–1
Courses in Affiliated Colleges/Institutions
Senior Diploma : (a) Dance (b) Drama (c) Music (Vocal & Instrumental) (d) Percussion.
Junior Diploma : (a) Dance (b) Drama (c) Music (Vocal & Instrumental) (d) Percussion.
Diploma in Visual Arts.

D. LITT/Ph. D. PROGRAMME OFFERED IN ALL SUBJECTS.

PH. D. PROGRAMME : Bengali, English, History, Philosophy, Political Science, Economics, Sanskrit, Painting, Dance, Vocal Music, Drama, Instrumental Music, Rabindra Sangeet, History of Art, Visual Art.
M. PHIL PROGRAMME : 2 Yrs.–Bengali, English, Philosophy, Sanskrit.

SEMINAR/SYMPOSIUM/RESEARCH/BOOKS ETC.

New Courses : UG course.
Computer Studies—(Theory & Practical)
BVA degree course—1996-97, in Affiliated College

Examination reform : (i) Diploma in Sanskrit
(ii) M. A. examination in two parts since 1996 under Faculty of Arts.
(iii) Hons. level—one Hons. paper to be examined at the end of the first year.
Review rules introduced in M. A. & B.A. Examinations.

Festivals : (i) Rabindra janmotsav .....25th Baisakh ; (ii) Vasantotsav.

Appendix : 1A

Total Roll Strength for Arts, Fine Arts and Visual Arts Faculties

(As on 31.3.1996)

FACULTY	Day			Evening			Total for Day & Evening			SC (Day)		ST (Day)		SC (Evening)		ST (Evening)		Muslim Students		Foreign Students	Physically Handi-capped Students
	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
ARTS	876	845	1721	1153	687	1840	2029	1532	3561	226	86	6	3	247	62	10	2	76	131	34	17
FINE ARTS	607	1186	1793	—	—	—	607	1186	1793	43	47	—	—	—	—	—	—	34	—	56	3
VISUAL ARTS	134	59	193	—	—	—	134	59	193	31	6	1	—	—	—	—	—	2	—	9	1
GRAND TOTAL	1617	2090	3707	1153	687	1840	2770	2777	5547	300	139	7	3	247	62	10	2	112	131	79	21

Appendix : 1B

Foreign Students in the University

(As on 31.3.1997)

Sl. No.	Country	Number of Students
i	Bangladesh	76
ii	Japan	1
iv	France	1
v	Sri Lanka	1
	Total	79

Results of the Degree and Post-graduate Examinations of the Session 1996-97

Name of Examination	Total No. of candidates appeared	Total No. of candidates passed	Precentage of pass
M. A. 1994/95 in			
Bengali	273	272	99.63
English	215	209	97.20
Sanskrit	16	15	93.75
History	246	240	97.56
Political Science	166	159	95.78
Philosophy	214	199	93.00
Economics, 1995	148	135	91.21
Vocal Music	72	70	97.22
Rabindra Sangeet	101	92	91.08
Dance	19	18	94.73
Drama	24	24	100.00
Percussion Music	15	15	100.00
Instrumental Music	06	06	100.00
M. Phil. Examination 1993 in Bengali	20	12	60.00
M. Phil. Examination 1992 in English	09	05	55.55
M. Phil. Examination 1994 in Sanskrit	05	05	100.00
Bachelor of Education (B. Ed.) Examination, 1996	135	127	94.04
Bachelor of Library and Information Science (BLIS)	24	24	100.00
Examination, 1996			
M. V. A. Examination, 1994 in			
Painting	09	09	100.00
Graphics	04	04	100.00
Applied Art	03	03	100.00
Modelling & Sculpture	05	05	100.00
History of Art	02	02	100.00
B. A. Examination, 1995 under the Faculty of Arts	472	449	95.12
B. A. Examination, 1995 under the Faculty of Fine Arts	286	282	99.00
B. V. A. Examination, 1995 under the Faculty of Visual Arts	17	16	94.11

Break-up of Teaching Posts (Full Time)
(As on March 31, 1997)

■ FACULTY OF ARTS

Subject	Professor	Reader	Senior Lecturer	Lecturer	Total
Bengali	2	4	1	4	11
English	1	4	2	3	10
Pol. Science	1	3	1	3	8
Philosophy	1	5	—	4	10
Sanskrit	1	4	1	4	10
School of Vedic Studies	1	2	—	—	3
History	1	5	—	3	9
Economics	2	3	—	3	8
Centre for Study and Research on Tagore	1	—	—	—	1

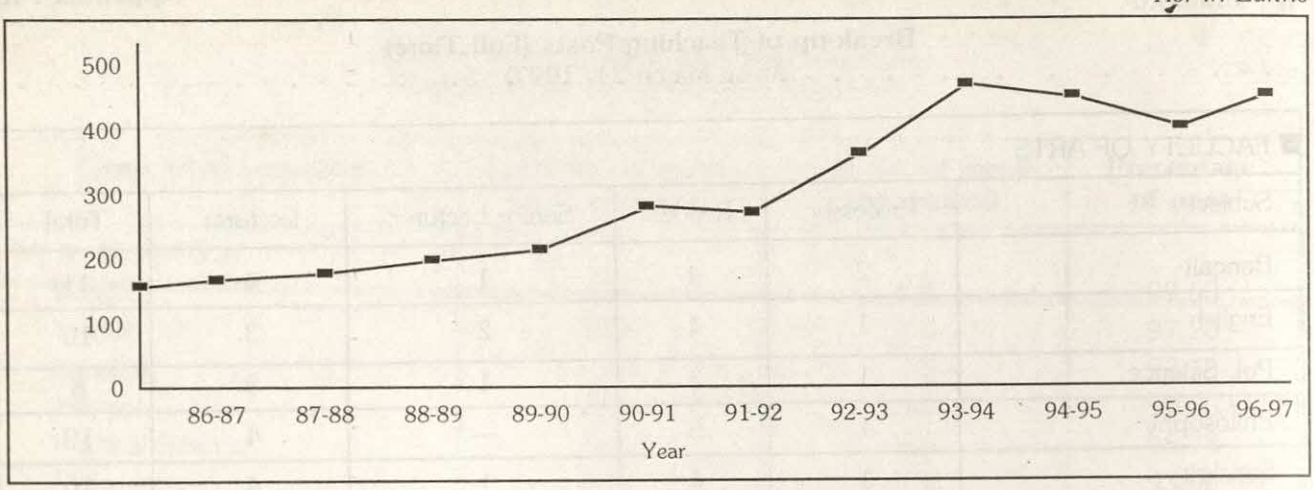
■ FACULTY OF FINE ARTS

Subject	Professor	Reader	Senior Lecturer	Lecturer	Accompanists	Total
Vocal Music	1	3	2	7	11	24
Instrumental Music	1	1	1	6	1	10
Rabindra Sangeet	1	2	1	7	—	11
Dance	1	2	1	9	11	24
Drama	1	3	1	9	—	14

■ FACULTY OF VISUAL ARTS

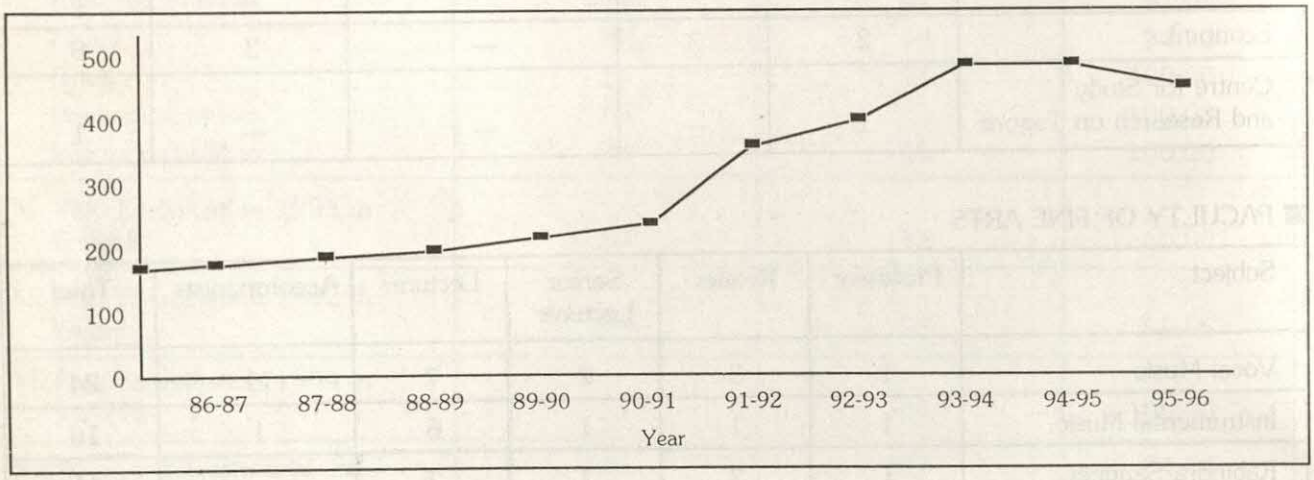
Subject	Professor	Reader	Senior Lecturer	Lecturer	Total
Painting	1	1	—	2	4
Sculpture	—	1	—	2	3
Graphics	—	1	—	1	2
Applied Art	—	—	—	2	2
History of Art	—	2	—	—	2
B. Ed.	—	1	—	1	2
B.L.I.S.	—	1	—	1	2

Rs. in Lakhs



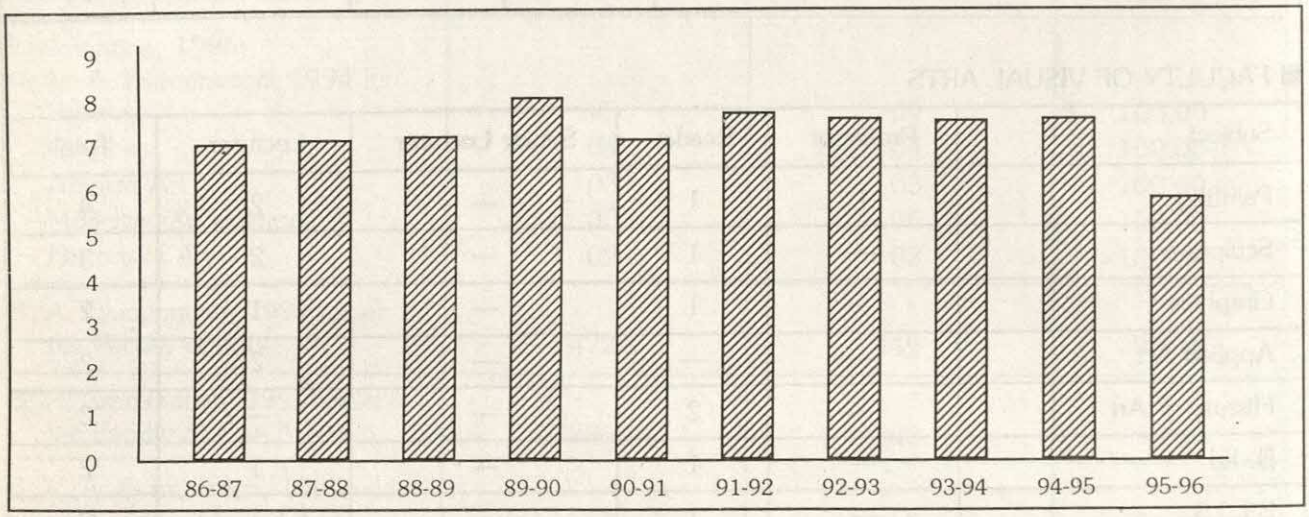
MAINTENANCE GRANT FROM STATE GOVT.

Rs. in Lakhs

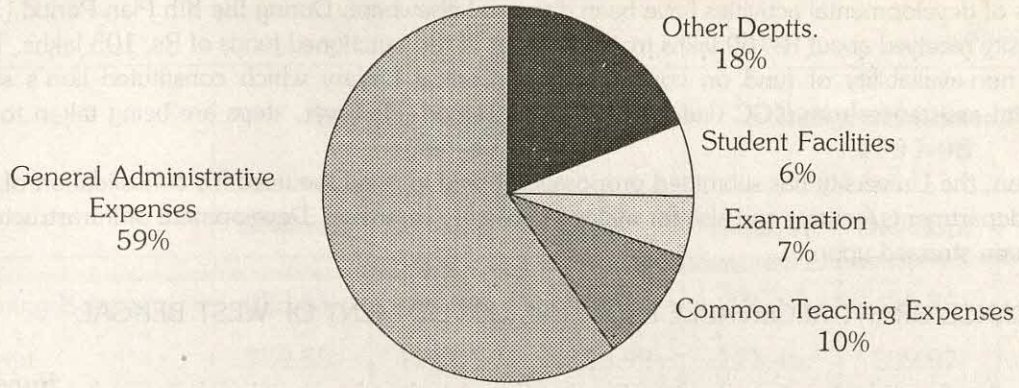


SALARY AND ESTABLISHMENT

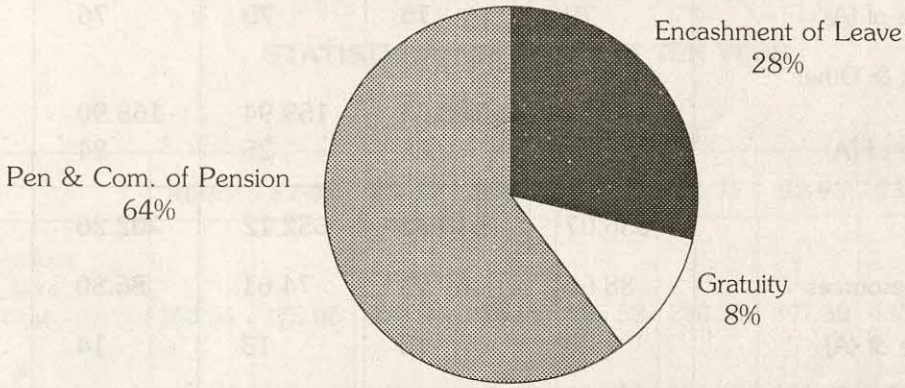
in Thousand



STUDENT STRENGTH IN THOUSANDS

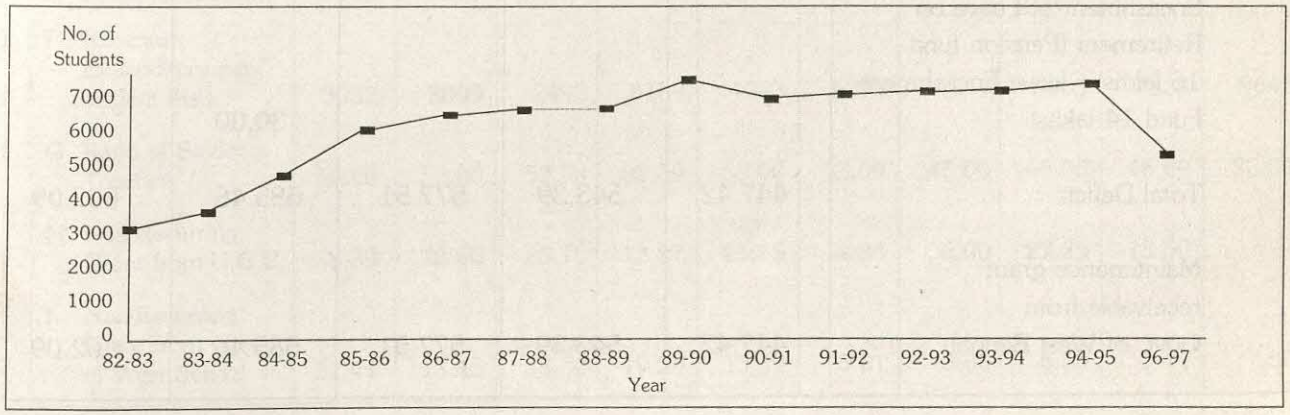


Administration & General Expenses of Various Deptts.



Division of Retirement Benefits

GROWTH OF STUDENTS ENROLMENT



Development

The details of developmental activities have been discussed elsewhere. During the 8th Plan Period (1991-1997) the University received about Rs. 60 lakhs from UGC out of the sanctioned funds of Rs. 105 lakhs. The shortfall is due to non-availability of fund on construction of Central Library which constituted lion's share of the development assistance from UGC under the 8th Plan Period. However, steps are being taken to receive the amount.

For 9th Plan, the University has submitted proposals keeping in mind the need for consolidation of the existing academic departments/centres and also for making necessary extension. Development of infrastructural facilities has also been stressed upon.

MAINTENANCE GRANT RECEIVABLE FROM THE GOVERNMENT OF WEST BENGAL

Rupees in lakhs

	Actual 1995-96	**Revised Budget 1995-96**	**Budget Estimate 1996-97**	**Revised Budget 1996-97**	**Budget Estimate 1997-98**
(a) Salaries, Benefit & Estt.	422.71	459.89	492.18	533,.36	573.58
As percentage of (A)	79	75	75	76	76
(b) Administrative & Other General Exp.	113.36	153.43	159.94	168.90	174.21
As percentage of (A)	21	25	25	24	24
Total (A)	536.07	613.32	652.12	702.26	747.79
Less : Own Resources	88.65	69.93	74.61	86.80	85.70
As percentage of (A)	20	13	13	14	13
Deficit	447.42	543.39	577.51	615.46	662.09
Less : Encashment of Retirement Benefit Funds for payment of arrears of Commutation of Pension & Encashment of Leave on Retirement (Pension fund 16 lakhs + leave Encashment Fund 14 lakhs)				30.00	
Total Deficit	447.42	543.39	577.51	585.46	662.09
Maintenance grant receivable from Govt. of West Bengal	447.42	543.39	577.51	585.46	662.09

BUDGET AT A GLANCE

Rupees in lakhs

	Revised Budget For 1996-97			Budget Estimate For 1997-98		
	General	**Develop.**	**Total**	**General**	**Develop.**	**Total**
1. Opening Balance	223.51	59.04	282.55	221.17	35.88	257.05
2. Receipt	729.55	114.44	843.99	777.45	109.97	887.42
Total	953.06	173.48	1126.54	998.62	145.85	1144.47
3. Expenditure	731.89	137.60	869.49	775.17	109.97	885.14
4. Closing Balance	221.17	35.88	257.05	223.45	35.88	259.33
Total	953.06	173.48	1126.54	998.62	145.85	1144.47

STATISTICS FOR THE LAST TEN YERS

Rupees in lakhs

	86-87	***87-88***	***88-89***	***89-90***	***90-91***	***91-92***	***92-93***	***93-94***	***94-95***	***95-96***
A. Maintenance Grant from State Govt.	160.64	175.05	200.86	216.64	285.52	280.33	397.30	483.19	482.14	476.19
B. Salary & Establishment	167.53	171.29	182.42	201.51	232.54	351.65	393.30	494.48	495.11	422.71
C. Admn. & other General Expense	48.34	53.50	35.45	50.01	75.17	80.14	58.72	57.93	72.83	113.36
Total of B & C	215.87	224.79	217.87	251.52	307.71	431.79	452.02	552.41	567.94	536.07
D. Own Resources	26.04	24.87	28.23	27.40	29.42	29.44	36.23	55.43	69.71	88.65
E. Students Strength	7143	7470	7470	8013	7536	7997	7935	7924	7866	5508
F. Revenue Expenditure per student (Rs.)	3022	3009	2492	3189	4083	5399	5697	6833	7220	8645
G. Ratio of Students : Teachers	50.00	52.00	52.00	55.00	53.00	53.00	45.00	49.00	46.00	33.00
H. Non-Recurring Grant from U.G.C.	8.59	18.50	23.70	12.27	15.65	14.84	6.00	27.25	13.50	—
I. Non-Recurring Grant from Govt. of West Bengal	31.41	13.45	33.32	19.25	13.49	0.21	0.00	6.50	5.44	7.50

Rabindra Bharati University

Research Activities :

D. Litt. and Ph. D. Programmes till March, 1997—

Bengali–17, Sanskrit–9, English–1, History–5, Pol. Sc. 3, Economics–6, Philosophy–2, Dance–1., Music–5, Rabindra Sangeet–2, Drama–2, Inst. Music–1, Printing–1, Visual Arts–1,

Publication & Seminar etc.

— Content and Form of Jibanananda's Poetry—April, 1996.

— 200 Yrs. of Bengali Theatre—Jan. 1997.

— Completion of 70 years of O. B. D. L. by Dr. Suniti Kr. Chatterjee—March, 1997.

— Life of Shamsur Rahaman—May, 1996.

— Tagore's ideas of Bengali Terminology & Hymns. in Tagore's Drama, Kanchanjangha of Satyajit Ray & Archetypal criticism in Bengali Literature—(all papers) & Tagore in his Autobiographies & Biographies respectively by—Dr. K. Goswami, Dr. P. Sengupta, and Dr. N. Banik.

— Importance of Sanskrit Manuscripts—M. M. A. Thakur—Oct. 1996

— Dalits in Ancient Indian Literature—Feb. 24 & 25, 1997.

— Spoken Sanskrit—Oct. 1–10, 96.

— Department Journal—Vol. V

— Apropos of Invariables and Variables of Sanskrit Grammer, Dec. 96.

— Manuscriptology and Sanskrit Manuscripts, April, 1996.

— Nature of Samkhyay etc.—Dr. P. Ghatak.

— 8 papers.....Dr. S. Chakraborty.

— 6 papers—Dr. R. Chattopadhyay

— 3 papers—Sm. P. Chakraborty

— 2 papers—Dr. T. N. Adhikari

— 1 paper—Sm. K. K. Bhattacharya

— 2 Papers—Sri G. Kar.

— 1 paper—Sri G. C. Misra.

— Lecture on Aspects of Tantrism in India—Nov. 15, 96.

— Lecture on Environment and the values—

— Lecture on some new information regarding Bengali Script and Bengali Language

— Panel discussion of Secular & Non-Secular Morality.

— Symposium on Research Methodology—Jan. 31–Feb. 18, 1997.

— Release of some Aspects of Vedic Studies–ed.–S. C. Chakraborti

— Preparation of the Cultural Index of Vedic literature.

— Papers–7–Dr. Samiran Chakraborty

— 3 Papers—Sri N. Bandopadhyay.

— 4 Papers—Dr. P. K. Datta

— Shakespeare across cultures—M. Mullick–Jan. 6, 97.

— Methods of Teaching literature–Mar 16, 1997.

— Contemporary English Literature—March 31, 97.

— Contemporary English Literature—March 31,97.

— Sm. S. Banerjee—2 papers.

— Dr. S. Banerjee—1 paper.

— Departmental Seminars–3–Sept. 20, 96 & Feb. 25, 97 & March 26–27, 97.

— Deptt.'s journal—Occasional papers—March, 97.

— Ashim Chaudhuri–Book on Enclaves in a Peasant Siociety, the Political economy of Tea.

— Papers–3 papers.

— Prof. A Chandra Banerjee–Papers 4 & Participated in many Seminars.

— Sri A. K. Baumik–15 papers in different National & International Seminars/Conferences.

— Dr. R. K. Sen—Books—The environment & Sustainable Agricultural Development Vol. I and Sustainable Economic development and environment, liberalisation, Adjustment and Reform in India. Articles/Papers/ Lectures—14 in national and international forum.

— Sri. S. Bhattacharya—1 paper.

— Departmental Seminar on Part and Whole—Indian & Western perspective—March 29, 96.

— Meaning, Truth and Metaphysics—March 21–22, 97.

— Dr. M. Chaudhuri–2 Lectures and a paper.

— Dr. R. Mukherjee, Dr. R. Bandopadhyay, Dr. S. Chakraborty, Dr. N. N. Chakraborti presented papers in different places/Universities.

— Deptt's lectures/Seminars—4—March 16, 1996, Jan. 22, 97, and March 27, 1997 and Oct. 8 & 9, 1996.

— Sri S. Basu Rai Choudhury—10 research papers and represented India.

— Dr. A. Ghosh—Lectures/papers–3

— Departmental Lectures—5, April 96, Aug. 96, Nov. 96, Jan 97.

— Sm. Tripti Chaudhuri—paper 3 papers.

— Prof. Himadri Banerjee—3 Lecturers/papers.

— Dr. R. K. Roy—papers—6 and edited the Modern Indian Section of the proceedings of the 56th Indian History Congress.

— Dr. Sujata Mukherjee—2 papers.

— Sri R. Basu—2 papers.

— Sm. S. Dasgupta—1 paper.

— Department's Lectures/Seminars—3, March 10-11, 97, Aug. 2-22, 96, and Feb. 14, 97.

— Publication of Kabir Abhinoy & the Journal—Rabindra Charcha, March 7, 97.

— Seminar on Library Science Education—March 22, 97.

— Publication of 3 text books and the Univ. Journal of LIC.

— Revision of BLIS Course & Training in Computer Application on Lib. Science & Services started—Sept. 2, 96.

— Publication of Journal of Education, Revision of B. Ed. Syllabus & Organisation of Seminars.

— Fine Arts Faculty—Dance, Sangeet etc. :—

— Demonstration organised on Dhrupad

— Lecture on Multi Culturalism–March 10, 1997.

— Book—A New Approach to the Analysis & Teaching Methodology of Indian Classical Music—Dr. B. Maitra.

— Orchestration programme—Jan 10, 1997.

— Presentation of Bharat Tirtha, Rabindra Janmotsav in different occasions in and outside Bengal.

— Participation in TV Programme—May 25, 1996.

— Video production—Aug 26–27, 1996.

— Publications—Bharatiya Sastriya Nrittyakola O Madhurrasatattva—Dr. S. Banerjee & Kathak ; Kathakala Na Muslim Durban–Dr. A. Roy.

— Organisation of Seminar

— The role of Sruti in Indian Music—March 27, 97.

— Paper on Notation and Kabya Chetana in Rabindra Sangeet—Sm. B. Sengupta & Dr. S. Choudhury.

— Presentation of Musical programme in Tripura—March 29, 97.

— by Sm. S. Ghosal & P. Bandopadhyay.

— Preparation in ICCR—Sm. S. Ghosal & Sri A. Bandopadhyay.

— Organisation of 200 Yrs. of Theatre in Bengal, 1996.

— Best Director Award to Sri A. Mukhopadhyay by Govt. of W. Bengal.

— Departmental Seminar/Workship — 8

— Exhibitions — 4

— Rajya Charukala Award to Sri P. Das & Sri S. Maity.

— Special Convocation to honour Pete Seeger, an American Folk Singer, Humanist & Social activitist to confer the Degree of D. Litt.—Nov 18, 1996.

— Release of the House of Tagore—Nov. 26, 1996.

— Organisation of Chho Dance—Oct. 29–Nov 7, 1996.

— Seminar on the Art of Paintings—March 17–19, 1997.

— Organisation of exhibitions—New Delhi Sept. 23–29, 1996.

— The Annual Exhibition—Dec 3–6, 1996.

— Participation in National Kala Mela, New Delhi. Feb. 17–27, 1997.

Presentation of Awards to Artists on Dance, Drama, Music & Visual Arts, Folklore, Tabla, Violin recital.

Introduction of Scholarship @ Rs. 5000/- each in memory of N. Kripalani, S. Tagore, P. Devi Chaudhurani, Sunayani Devi & B. Tagore.

— Organisation of Cultural programmes/competition.

VIDYASAGAR UNIVERSITY

General Information

The University was established on 29th September 1981 by an Act called the Vidyasagar University Act 1981 (West Bengal Act XVIII of 1981) after the name of Pandit Iswar Chandra Bandyopadhyay, known as Vidyasagar, the great educationist and social worker of Bengal. The University Grants Commission accorded recognition to the University under 12 B on March 1st 1990. The total area of University Campuses in a semi-rural location amounts to 182.75 acres (Main Campus 103.79 Residential Campus 35.09 and third Campus measuring 43.97 acres to be developed as Centres).

The Vidyasagar University is established with a mission to provide an answer to the needs of the region, ethnic, socio-cultural and geographical and, at the sometime, not to ignore the demands of mainstream education. The University logo with the motto "Education, Knowledge, Progress" embodies the mission stated above.

The University is an affiliating one having a jurisdiction which shall not be extended beyond the limit of Midnapore District or any District which may be created in future out of any part thereof. Thirty Colleges of Calcutta University within the District of Midnapore were initially deemed to have been affiliated to Vidyasagar University after ceasing to be affiliated to that University. Thereafter, a few Colleges were established and affiliated under this University—the number rose to 36 of which two are Engineering College located at Haldia and Kolaghat.

The teaching in the Postgraduate Departments is being offered in unconventional areas; research is being carried out in fields mostly unexplored and extension and field action being geared to the fulfilment of the above mission. Postgraduate teaching started initially with six Departments in the session 1985-86 at the new Campus. The number of Departments has now been raised to sixteen after the introduction of Master's Course in Geography and Environment Management from the session 1995-96. The other courses introduced include: (a) B. Tech. Course in (i) Chemical Engineering. (ii) Computer Engg., (iii) Instrumentation Engg.; (b) Vocational Courses : (i) Office Management and Secretarial Practices, (ii) Industrial Fish and Fisheries, (iii) Sericulture, (iv) Communicative English, (v) Seed Technology, (vi) Computer Application and (vii) Tax Procedure and Practice and (c) Elective subject at the UG level—Physical Education. The Directorate of Distance Education of the University is conducting Postgraduate and Bridge Courses in five subjects : (i) Bengali, (ii) English, (iii) History, (iv) Political Science and (v) Commerce. The UGC has recognised these courses. The University also has approved addition of three science subjects, namely Botany, Physics and Zoology in the Master's Programme offering on and from 1996-97.

The University has also set up Extension Centre under which following Self-Financing Courses were processed—the first enrolment will be made in July : (i) PGDCA (Postgraduate Diploma in Computer Application), (ii) PGDLT (Postgraduate Diploma in Laboratory Technology) & (iii) PGDST (Postgraduate Diploma in Seed Technology).

A good number of Postgraduate students of this University were qualified for NET, GATE and SLET. As many as 11 Candidates were admitted to the Ph.D. Degrees of this University. The number of Scholars enrolled under various Ph.D. Programmes of the University during this period—8, out of a total number of 142 so far registered. The University has accepted in principle to introduce M. Phil. Courses in different subjects.

The first Convocation of the University was held on 9th January, 1995 where different degrees/ diplomas/certificates of the years between 1986 and 1993 were conferred. Medals, endowment, prizes and scholarships were awarded to as many as 316 recipients. The Second Convocation is going to be held on 4 April, 1997.

THE UNIVERSITY AT A GLANCE

1.	Name of the University	:	Vidyasagar University
2.	Address	:	Vidyasagar University P. O.-Vidyasagar University Dist-Midnapore, West Bengal, Pin-721102
3.	Telephone No(s).	:	(03222) 61009 ; (03222) 62297
	Fax No.	:	(91) (03222) 62329
	E-Mail	:	root @ viduni. ren. nic in
4.	Residence Tel. No(s).		
	(i) Vice-Chancellor	:	(03222) 63202
	(ii) Dy. Registrar	:	(03222) 62619
5.	First Vice-Chancellor	:	Prof. Bhupesh Chandra Mukherjee
6.	Jurisdiction	:	Midnapore District or any district which may be created in future out of any part thereof
7.	Colleges	:	36
	(a) For Girls	:	02
	(b) Professional	:	02
	(c) Engineering	:	02
	(d) B. P. E. D	:	03
8.	Date of U.G.C. recognition		
	(a) 12 B :	:	March 1, 1990
9.	Area of the Campus in Acres	:	182.75
	(a) Main Campus	:	103.74
	(b) Residential Campus	:	35.04
	(c) * Third Campus (* To be developed for Centre)	:	43.97
10.	Teachers (total)	:	1130
	(a) University (sanctioned)	:	85
	(b) Colleges ,,	:	1045
11.	University Officer (sanctioned)	:	19
12.	Non-teaching staff		
	(a) University (sanctioned)	:	105, DDE-10
	(b) Colleges ,,	:	848
13.	Students Enrolment		
	(a) Ph. D.	:	8
	(b) Postgraduate (1st Year)	:	856
	(c) Undergraduate	:	29638
	(d) Distance	:	2634
14.	No. of Exam. conducted	:	50
15.	No. of Faculties	:	2

16. Board of Studies
    (a) Postgraduate : 16
    (b) Undergraduate : 29
17. Books and Journals of University Library : 38915

Enrolment of students for various courses offered at the University and in affiliated Colleges during 1996-97

Courses	Total Enrolment			Scheduled Caste			Scheduled Tribe		
	M	F	T	M	F	T	M	F	T
Postgraduate Degree Courses									
Part-I	522	326	848	107	36	143	14	1	15
Part-II	510	317	827	107	36	143	14	1	15
Undergraduate Degree Courses	20084	9554	29638	1280	465	1745	410	105	515
Total	21116	10197	31313	1494	537	2031	438	107	545

Total Enrolment Part I-1996-97

Male-524	Male (SC)-93	Male (ST)-18	Total : 856
Female-332	Feale (SC)-31	Female (ST)-4	

Part II 1996-97

Male-522	Male (SC)-81	Male (ST)-3	Total : 803
Female-279	Female (SC)-22	Female (ST)-1	

Faculty of Arts & Commerce (departmentwise enrolment) Part-I 1996-97

Department	Male			Female			No. of teachers	
	G	SC	ST	G	SC	ST	Sanctioned	Existing
Bengali	16	16	3	40	3	1	5	5
Commerce with Farm Management	50	20	6	2	3	–	6	6
Economics with Rural Development	30	–	–	11	–	–	6	6
English	48	6	–	28	2	–	5	5
History	25	19	3	30	4	1	5	5
Political Science with Rural Administration	28	3	–	40	8	–	6	5
Philosophy	20	–	–	55	4	–	5	4
BLISc.	13	7	–	8	2	–	6	6
MLISc.	7	4	–	3	–	–	–	–

Faculty of Science (departmentwise) Part-I 1996-97

Faculty of Arts & Commerce (departmentwise enrolment) Part-I 1996-97

Department	Male			Female			No. of teachers	
	G	SC	ST	G	SC	ST	Sanctioned	Existing
Anthropology	11	3	–	5	–	1	6	6
Botany & Forestry	17	2	1	15	1	–	5	4
Chemistry & Chemical Technology	30	2	–	3	–	–	5	4
Geography & Environment Management	10	5	2	11	2	–	4	2
Applied Mathematics with Oceanology & Computer Programming	44	4	–	10	–	–	6	5
Physics & Techno-physics	23	3	–	8	–	–	5	3
Human Physiology with Community Health	10	–	–	12	1	–	5	4
Zoology	19	2	–	14	1	–	5	5

Category of Teachers (P.G.)

Professor	Reader	Lecturer	Total
15	28	42	85

Number of Candidates appeared and passed in various examinations conducted during 1996-97

Name of the Examinations	No. of Candidates appeared			No. of Candidates passed			Total % of passed
	Men	Women	Total	Men	Women	Total	
B. A. (H) Part II	1332	1075	2407	985	864	1849	76.82
B. Sc. (H) Part II	464	150	614	395	133	528	85.99
B. Com. (H) Part II	510	40	550	390	37	427	77.64
B. A. (H) Part I	2838	1886	4724	2100	1542	3642	77.10
B. Sc. (H) Part I	1157	318	1475	551	197	748	50.71
B. Com. (H) Part I	893	85	978	595	63	658	67.28
B. A. (Pass)	2643	1898	4541	1335	975	2310	50.76
B. Sc. (Pass)	1228	274	1502	600	199	799	52.61
B. Com (Pass)	812	57	869	261	25	286	33.45
B. Ed.	847	336	1183	743	310	1053	89.01
Total :	12,724	6119	18,843	7955	4345	12,300	

Directorate of Distance Education
Vidyasagar University : Midnapore 1996-97

Bridge Course

SUBJECT	SC	ST	OBC	GENERAL	DEPUTED	FRESHER	MALE	FEMALE	TOTAL
Commerce	05	03	02	66	03	73	61	09	76
English	26	04	16	191	22	215	176	61	237
Bengali	59	10	23	261	29	324	210	143	353
History	69	15	08	382	51	322	282	192	474
Pol. Science	05	00	04	55	07	57	31	33	64
Total :									1204

Vidyasagar University : Midnapore 1996-97.

Bridge Course

SUBJECT	SC	ST	OBC	GENERAL	DEPUTED	FRESHER	MALE	FEMALE	TOTAL
Commercc	6	0	4	94	4	100	84	20	104
English	6	1	6	101	25	89	79	35	114
Bengali	70	1	26	517	23	591	345	269	614
History	29	1	16	423	12	457	274	195	469
Pol. Sc.	5	1	4	120	11	119	68	62	130
Total :	116	4	56	1255	75	1356	850	581	1431

(a) Student Enrolement (UG) :- 1995-96

STREAM	TOTAL	MALE			FEMALE		
		GEN.	SC	ST	GEN.	SC	ST
B.A.	11,431	5813	651	240	4215	426	86
B. Sc.	3,350	2366	151	20	742	56	15
B. Com.	1,956	1688	101	23	130	13	01
Vocational	323	255	13	03	60	01	–
B. Ed.	1,278	624	197	41	339	70	07

(b) Number of Teachers (UG) :- 1995-96

MALE			FEMALE		
GEN.	SC	ST	GEN.	SC	ST
778	05	NIL	100	02	NIL

(c) Category of Teachers : (Affiliated Colleges) (U.G. Level)

DESIGRATION	NUMBER
Reader	84
S. G. Lec.	525
Lecturer	276
Total	885

COLLEGES WITH DETAILS VOCATIONAL COURSES

1. Belda College – Office Management & Secretarial Practice
2. Egra S. S. B. College – Do-
3. Jhargram Raj College – Functional English
4. Mugberia C. Mahavidyalaya – Tax Procedure & Practice
5. Panskura Banamali College – Office Management & Secretarial Practice
6. Raja N. L. Khan Women's College – Sericulture
7. Ramnagar College – Industrial Fish & Fisheries
8. Sabang S. K. College – Industrial Fish & Fisheries
9. Seva-Bharati Mahavidyalaya – Seed Technology
10. Y. S. Palpara Mahavidyalaya – Computer Application
11. Hijli College – (i) Office Management & Secretarial Practice
    (ii) Computer Application
12. Subarnarekha Mahavidyalaya – Tax Procedure & Practice
13. Chandrakona Vidyasagar Mahavidyalaya – Computer Application
14. Kharagpur College – Advertising, Sale Promotion & Sales Management
15. Bajkul Milani Mahavidyalaya – Automobile Maintenance
16. Sitananda College (Nandigram) – Industrial Fish & Fishery
17. Garhbeta College – Office Management & Secretarial Practice
18. Mahishadal Raj College – Industrial Chemistry

AFFILIATION OF NEW SUBJECTS AT THE U. G. LEVEL

1. Physical Education
2. Functional English (Vocational)
3. Hindi (Hons.)
4. Industrial Fish & Fishery (Vocational)
5. Computer Application (Vocational)
6. Computer Science (Hons.)
7. Office Management & Secretarial Practice (Vocational)
8. Tax Procedure & Practice (Vocational)
9. Seed Technology (Vocational)
10. Advertising, Sales promotion and Sales Management (Vocational)
11. Automobiles Maintenance (Vocational)
12. Computer Science-Pass + Hons.
13. B. Pharm
14. Electrical Engineering (B. Tech.)
16. Mechanical Engineering (B., Tech.)
16. Instrumentation Engineering (B. Tech.)
17. Computer Engineering (B. Tech.)
18. Chemical Engineering (B. Tech.)

AFFILIATION OF NEW SUBJECTS AT THE P. G LEVEL

1. Geography with Environment Management
2. Master of Business Administration
3. Master of Science in Botany (DDE)
4. Post Graduate Diploma in Computer Application (PGDCA) Extention
5. Post Graduate Diploma in Laboratory Technology–(PGDLT) (Extention)
6. Post Graduate Diploma in Seed Technology–(PGDST) (Extention)

DETAILS OF RESEARCH SCHEMES/PROJECTS CONDUCTED BY THE DEPARTMENT/ FACULTY

Department	Research Schemes/Projects
1. Deptt. of Commerce with Farm Management (Mr. A. Gupta)	(a) One Minor Research Project entitled "Inter-relation between Market Based Security Risk Measures and Accounting Information : A study based on Companies in the General Engineering Industry of India". (UGC)
2. Deptt. of Library & Information Science (Mr. Juran Krishan Sarkhel)	(a) General Theory of subject Indexing Language (GT/SIL). (b) Construction of classification schedule for Bengali Literatures. (c) Modern trends in staff pattern in Library and Information Centres. (d) Trends of Cataloguing Research in India. (e) Information Technology for secondary information work and service. (f) Design and development of knowledge Representation Model for Anthropology.
3. Deptt. of Zoology (Prof. T. Bhattacharyay)	(a) One major reseach project on wetland financed by UGC. (b) Plasmid (Co-authors-M. Bhunia and S. Dasgupta) (c) Ms. C. Ghosh (i) "Phenotypic Expression of Mannose Sensitive Hemagalutin in a V. Ch 01 Eltor Strain"-S. Mukhopadhyay, C. Ghosh, & A. C. Ghose (1996). FEMS Microbiology Letts. Elsevice Publications. (ii) "A search for Cholera Toxin (CT), Toxin Caregulated Pinco (ICP), Tox^R and other regulatory elements in V. Ch non-01/non-0139 Stranis"—C. Ghosh, R. K. Nandy, S. K. Dasgupta, G. D. Nair, R. H. Hell & A. C. Ghose (1997). Microbial Pathogensis. Academic Press.
4. Research Activities	(a) **Dr. S. Roy :** (i) To develop a method for the separation of B and T lymphoestes in the animal model. (ii) To study the effect of different types of stress in the immune system.

5. Conferences/Seminar hosted.
6. Research papers/publications brought out during 1996-97.

(iii) To study the metabolism of phosphate solubilizing bacteria in the district of Midnapore.

(iv) To Study the influence of nervous system on the defensive mechanism of rat.

(b) **Dr. P. Dhara :**

(i) Ergonomic evaluation of agricultural activities.

(ii) Work Station design for Indian Industrial Workers.

(iii) Evaluation of human factors for VDT Workers.

(iv) Evaluation of sports performance of tribal & non-tribal boys.

(c) **Mrs. C. Ghosh :**

(i) Treasurer, VIII Annual conference of Physiological Society of India, held on 6-8 December, 1996, at Vidyasagar University Campus.

One (VIII Annual Conference of PSI, 1996) :

(i) " Biochemical and Heamatalogical changes in Rheumatoid-Arthritis patients" in VUJBS **2**, 47-49, 1996 (Co-authors—S. D. Samanta and N. C. Masanta)

(ii) Presented three papers in the **VIII** Annual Conference of PSI, 1996. The title of the papers are—

1. "Effect of lesion of posterior cerebellor vermis of cerebellum on some haematological and endocrine-parameter in rats" (Co-authors—K. M. Haque & T. K. Ghosh).
2. "Effect of ascorbic acid supplementation on Chromium induced alteration of -- hydrolytic enzymes (Co-authors—S. De & A. K. Chatterjee).
3. "Restrition endonuelense mapping of structurally altered **E. Coli**—Mycobacteria shuttle.

(iii) Dr. S. Biswas—Polymar Science & Technology-Petro Chemicals. — published 4 papers in National & International Journals.

(iv) Dr. S. S. Islam—Published papers in National & International Journals.

(v) Dr. S. Chattopadhyay—Published papers in National & International Journals.

(vi) Sri N. K. De—Published 6 papers (CSIR)

(vii) Sri D. Dinda—2 Papers (CSIR)

(viii) Sri S. Jana—1 paper (UGC)

(ix) Sri Amar Pramanick—2 papers (UGC)

Programmes for Women :

The University has prioritised the establishment of a Centre of Women's Studies with a veiw to which the University just held two days Workshop in collaboration with the Centre of Women's Development Studies, New Delhi on 'Planning Social Development : A rural focus'.

Fund allocation, amount utilised, progress of work and problems encounterd :

Item	Allocation Rs.	Amount Recd. Rs.	Amount utilised. Rs.	Progress	Problems
State Government					
(a) Constuction of Lib. & Lib. Sc. Bldg.	7958789/-	26050000/-	10302023/-	Completed	—
(b) Boys' Hostel	6004234/-	—	434288/-	Structural work in ground floor completed.	Delay in release of fund.
(c) Girls' Hostel	2780789/-	—	3901428/-	Completed.	—
(d) Teachers' Quarters	4593034/-	—	325766/-	Structural work completed upto 1st floor, partial done in 2nd floor.	–Do–
(e) Non-Teaching Staff Hostel	4410742/-	—	325684/-	A portion of ground floor done.	–Do–
UGC					
(a) Extension of Girls' Hostel	25 lakh	3.75 (60 : 40 basis)	9.80 lakh	Foundation in progress	
(b) Partial projection of Humanities Bldg.	15 lakh	5.00 lakh	—	Structural work completed.	
(c) Books & Journal	10 lakh	9.00 lakh	—	in progress 1 lakh due	
(d) Equipment	15 lakh	3.00 lakh	—	" 2 lakh due	
(e) Health	05 lakh	2.5 lakh	—	" 3 lakh due	
(f) Staff Salary	35 lakh	26 lakh	—	" 9 lakh due	

Research Projects :

The University is receiving 4 Research/Major Projects the Funding Agencies of which are DST & NES (West Bengal), CSIR, UGC, ICFRE and 8 minor Research Projects under UGC's unassigned Grant.

Supportive Services :

(a) No. of books 38,914

(b) No. of Journals 1,450 - bound periodicals

(c) No. of Periodicals - Subjects Journal 51, Magazine -7

(d) No. of days the Library is kept open in a year 270 days

(e) No. of hours the Library is kept open in a day 9 hours

No. of students appeared at the last examination separately for the Degree, Post-graduate level alongwith pass percentage in details :

	Undergraduate				Postgraduate			
	Appeared (Total)	I	II	Failed	Appeared (Total)	I	II	Failed
1, Humanities	2141	8	1708	429	341	4	328	9
Male	1162	4	913	245	180	–	177	3
Female	979	4	769	179	16	14	151	6
2. Commerce	585	9	429	145	75	3	64	8
Male	537	9	391	137	69	2	61	6
Femal	48	–	38	10	6	1	3	2
3. Science	548	86	380	82	272	130	142	3
Male	419	65	283	71	187	87	97	–
Female	129	21	97	11	85	43	42	3
4. Education	1210	350	658	174	No Postgraduate			
Male	853	238	454	144				
Female	357	112	204	30				

Particulars of various Departments and Faculties :

Faculty		Department	Sanctioned Seat	Actual Enrolment
Arts & Commerce				
	1.	Bengali	80	79
	2.	Commerce with Farm Management	80	82
	3.	Economics with Rural Development	55	55
	4.	English	80	86
	5.	History	80	82
	6.	Library & Information Science		
		i) BLISc	30	28
		ii) MLISc	10	10
	7.	Philosophy	80	80
	8.	Political Science with Rural Admn.	80	81
Science	1.	Anthropology	50	13
	2.	Applied Mathematics with Oceanology with Computer Programming	50	49
	3.	Botany & Forestry	35	36
	4.	Chemistry & Chemical Technology	30	29
	5.	Geography & Environment Management	30	29

6.	Human Physiology with Community Health	20	22
7.	Physics & Technophysics	30	30
8.	Zoology	35	36

Total No. of Non-Teaching staff in the University - 101.

Toll strength of students in the University :

General	1994-95	Total - 841		1995-96	Total - 871
		Male - 550			Male - 567
		Female- 291			Female- 304

Distance Education

1994-95	Total Masters' -3327		1996-97	Total 1430
1995-96	—Do—	-1908		

Bridge Course : 1996-97 Total 1204

Total No. of Teachers :

Faculty	Undergraduate	Postgraduate
Humanities	573	37
Commerce	85	06
Science	328	41
Education (B. Ed.)	32	—

BURDWAN UNIVERSITY

Main campus at Rajbati, Burdwan and other campuses at Golapbag, Burdwan

Phone : (03421) 2371—5, Gram : BURDISTY

FACULTIES & DEPARTMENT

FACULTY OF ARTS, COMMERCE, LAW, MUSIC & FINE ARTS : POST-GRADUATE (M. A./M. COM.)

DEPARTMENTS : English, Bengali, Commerce, Economics, History, Hindi, Political Science, Philosophy, Sanskrit, Sociology.

SCIENCE FACULTY : POST-GRADUATE (M. SC.)

DEPARTMENTS : Botany, Chemistry, Mathematics, Geography, Physics, Statistics, Zoology. Faculty of Engineering & Technology. (this faculty is looked after by R. E. O., Durgapur)

B. E. COURSE (U. G.)

Departments :

(i) Chemical Engineering
(ii) Civil Engineering.
(iii) Electrical Engineering
(iv) Electronics & Communication Engineering
(v) Metallurgical Engineering.

P. G. COURSES (M. TECH.)

Departments : Chemical Engineering (Production of Fertiliser)
Chemistry
Structural Engineering
Electrical Engineering (Industrial Electrical System)
Mechanical Engineering
Metallurgical Engineering

Besides, there are part-time Courses.

OTHER DEPARTMENTS/COURSES

(i) B. Ed.(Sc); (ii) M. Phil (Zool.); (iii) B. Lib. Sc.; (iv) M. Lib. Sc; (v) LL. M.; (vi) M. B. A.; (vii) LL.B, Correspondence education in some Arts and Commerce Subjects at the P. G. Level—intake 5824 (Part-I)

Enrolments : Students strength in the affiliated Colleges and University itself at the Undergraduate level : (95) 74,633, SC-6251, ST-1106.

Student strength at P. G. level—1997

No. of students involved in research programmes/schemes—167

Sponsoring agencies are ICMR, ICAR, CSIR, ICHR, DST, UGC, TIER, DOE, DRS etc.

ACADEMIC STAFF COLLEGE

Academic Staff college has been functioning under Burdwan University since June, 1989. Total number of programmes conducted by the A. S. College till April, 1994 is shown below :

General Orientation Programmes	Number	12
No. of participants		297
Subject Oriented Refresher Courses	Number	22
No. of participants		449

During 1993-94 six general orientation programmes and eleven subject-oriented refresher courses had been conducted. Details of the programmes are given below :

General Orientation Programme of 4 weeks duration	Number	6
No. of participants		131 (No. of women participants—20)

Subject Oriented Refresher Courses :

SUBJECT	NO. OF COURSES	DURATION	NO. OF PARTICIPANTS
Zoology	4	3 weeks	78 (12 women)
Bengali	3	2/3 weeks	49 (9 women)
Physics	1	3 weeks	19
Chemistry	1	3 weeks	18
Mathematics	2		3 (ops)
English	2		8 (do)
Political Science	2		3 (do)

Till April, 1994 a good number of teaching materials have been produced by the Academic Staff College. Those are :

(i) Printed material	...	50 (Approx.)
(ii) Audio material	...	3
(iii) Video Cassettes	...	12

The Academic Staff College has been getting financial support from the U. G. C.

ENROLMENT :			M	F	SC	ST	Total
(i) Affiliated Colleges :	1977-78		32,791	11,197	NA	NA	43,988
	1994-95		45,066	22,210	6,251	1,106	74,633
(ii) P. G. Level :	1977-78	M. A	405	259	—	—	664
	1994-95		502	680	106	16	1,304

TYPES OF COLLEGES ETC.	TOTAL—82
Degree Colleges	75
B. Ed. Colleges	6
B. Ed. Departments	3
Colleges for Girls	5
Engineering College	1
Medical College	1
Phy. Ed. College	1
Music College	1

SPECIAL ASSISTANCE PROGRAMME—UGC

SUBJECTS	NO. OF SCHOLARS	
	R. A.	R. S.
DRS Philosophy	2	3
Special Assistance Bengali	—	9
DSA Chemistry	—	—
DSA Physics	—	3
DSA Botany		

R. A. (Research Assistant)

R. S. (Research Scholars)

DEVELOPMENT SCHEMES

Construction of Teacher's quarters

Library Building

DSA Botany Building

Development of Composite Buildings

D. S. A. Physics Building

Laser Physics Building

Construction of Meghnad Saha Planetorium

AFFILIATION OF NEW SUBJECTS SINCE 1977

U. G. Level ... Vocational Subject (2 colleges) — Tax procedure & practice; Office Management & Secretarial Practice

P. G. Level ... Hindi, Sociology, Pre M. A. (Hindi), Statistics

M. Com ... MBA, LLM, MLIS, M. Phil (10 subjects)

Certificate & Diploma Course :

German, DIRPM, DSCA

DIRECTORATE OF CORRESPONDENCE COURSES

Directorate of Correspondences Courses, University of Burdwan introduced 1-year Bridge Course in various subjects of Arts, Commerce, Social Sciences and Mathematics from November 1997 for one time pass graduates from any recognised University to bring them at par with the graduates of 10 + 2 + 3 (all India) pattern.

POPULATION EDUCATION RESOURCE CENTRE, DEPARTMENT OF ADULT CONTINUING EDUCATION AND EXTENSION.

Following are some of the information of the programme activities of the Population Education Resource Centre (from 1.4.97 to 31.12.97)

1. Introduction of Population Education as a Compulsory additional paper in the B. Ed. Syllabus (effective from the academic session 1997-98).
2. Organisation of orientation training for college Principals (16.9.97), College teachers (23.9.97) College students (Raj College; Katwa College) and Community people.
3. Observance of Special Days (World Population Day & AIDS Day).
4. Organisation of review study on women status.
5. Preparation of learning materials (Prin A-V) on Population Education (PE).
6. Dissemination of PE messages through Pada Yatra, Exhibition, Show etc.

INSPECTOR OF COLLEGES, DEPARTMENT

The following colleges were accorded affiliation by the University in the Vocational Subjects noted against each college with effect from the session 1997-98 :

1. Mankar College, P. O. Mankar, Dist. Burdwan—Computer Application.
2. Shyamsundar College, P. O. Shyamsundar, Burdwan—Seed Technology.
3. S. G. B. College, Bagati, Hooghly—Tax Procedure and Practice.
4. Vivekananda Mahavidyalaya, Haripal, Hooghly—Office Management & Secretarial Practice.

In addition to that the University accorded affiliation to the Hooghly Mohsin College, a Govt. College, Chinsurah, Hooghly P. G. Course in Physiology from the session 1997-98.

BURDWAN UNIVERSITY PUBLICATION (PUBLICATION UNIT)

1. Sahityer Dik Diganta —By Sri Arun Mitra (Price-Rs. 100/-)
2. Issues in Economic and Social Development —By Sri Goutam Kr. Sarkar (Rs. 100/-)

These titles have been brought out in 1997-98.

ACTIVITIES OF ACADEMIC STAFF COLLEGE

FROM 01.04.97

The Academic Staff College has been functioning from 1989. It has conducted 88 programmes so far of which 65 are subject-based Refresher Courses, 21 are Orientation Programmes and 2 are Principal's conferences. In these programmes 2054 teachers and 138 Principals joined. Teacher participants included those from different states besides those from our own state. During the period starting from 01.04.97, the ASC has organised 4 Refresher courses in Sanskrit, Economics, Geography and English and 1 (one) Orientation Programme. Total number of Teachers who participated in these programmes is 117. It has also organised one Computer Awareness Programme of one week's Duration in which 08 participants (from administrative wing) joined.

The ASC has brought out three important publications covering papers written by eminent educationists.

ACTIVITIES OF FACULTY OF ARTS

Three Seminars :

(a) 2 day National Seminar—Impact of New Economic policy—Deptt. of Economics- 25-26 July, 1997.

(b) Teaching of English in Post Colonial India- 28 Sept, 1997.

(c) Observation of 50 Years of Independence & Birth Centenary of Subhas Chandra Bose—Deptt. of History- 19 Dec, 97

One Essay Competition on 50 Yrs. of Independence.

EXAMINATION RESULT

No. of candidates appeared and passed in the B. A./B.Com/B.Sc. Examinations from the colleges affiliated to this University in 1997 :

EXAMINATION	TOTAL APPEARED			TOTAL PASSED.
	MALE	FEMALE	TOTAL	
B. A(Pass)	10,974	7,270	18,245	9,880
B.A(Hons-I)	3,808	3,411	7,219	5,581
B. A(Hons-II)	1,938	2,479	4,418	3,593
B. Com (Pass)	7,402	473	7,875	3,830
B. Com (Hons-I)	1,428	122	1,550	1,219
B. Com(Hons.-II)	837	79	916	734
B. Sc. (Pass)	3,117	648	3,765	2,316
B.Sc. (Hons-I)	1,790	619	2,409	1,620
B.Sc. (Hons-II)	1,326	369	1,695	1,356

The following colleges affiliated to this University offer **vocational courses** as mentioned below :

Rabindra Mahavidyalaya P.O. : Champadanga-712401, Dist : Hooghly	Communicative English
Netaji Mahavidyalaya P.O. : Arambag-712601, Dist : Hooghly	Communicative English, Office Management & Secretarial Practices
Burdwan Raj College P.O. & Dist : Burdwan-713104	Industrial Fish & Fishery
Bolpur College P.O. : Bolpur-713204, Dist : Birbhum	Sericulture
Krishna Chandra College P.O. : Hetampur-731124, Dist : Birbhum	Sericulture
Trivendevi Bhalatia College P.O. : Raniganj-731347, Dist: Burdwan	Sericulture
Vivekananda Mahavidyalaya Sripally-713103, Dist: Burdwan	Biological Techniques & Specimen Preparations.
Deshbandhu Mahavidyalaya P.O. : Chittaranjan-713331, Dist : Burdwan	Advertisement & Sales Promotion & Sales Management.
Shyamsundar College P.O. : Shyamsundar, Dist : Burdwan	Seed Technology
Mankar College P.O. : Mankar, Dist : Burdwan	Computer Applications
Sreegopal Banerjee College Bagati, P. O. : Mogra, Dist : Hooghly	Tax Procedure & Practices

Vivekananda Mahavidyalaya P. O. : Haripal, Dist : Hooghly.	Office Management & Secretarial Practices.
Ramananda College Bishnupur, Bankura.	Office Management & Secretarial Practice
Bankura Sammilani College Bankura.	Tax Procedure & Practice

Information regarding development works of the University 1997-98 :

(1) Modernisation of Press, Sanctioned Rs. 10 lakhs by State Govt. on 31.7.97 against State approval of Rs. 10,97,590.

(2) Composite Building, UGC Rs. 10 lakhs, 2nd instalment on 15.10.97

(3) Technology Development project, M. Phil in Microwaves, UGC released Rs. 2,38 lakhs against sanctioned amount of Rs. 63,40,051 on 19.9.97.

(4) Orientation Refresher Courses, Rs. 10 lakhs released by UGC on 19.9.97

(5) Repairing of Univ. Health Centre, Rs. 6 lakhs on 15.11.97 released by State Govt.

(6) (a) 9th Plan for Books & Journals from UGC Rs. 26.20 lakhs on 17.2.97

(b) Sanction of Rs. 26.20 lakhs against books, journals & other heads received on 17.3.98

(7) Construction of the 2nd floor of the Administrative Building Rs. 10 lakhs from State Govt. on 23.12. 97

(8) For Computer facilities from UGC Rs. 11,00,390/- on 31.12.97 (sanction received).

(9) Unassigned grant from UGC Rs. 4,70,187/- on 18.2.98

(10) Creative art complex (Museum Building) released Rs. 5 lakhs on 19.3.98 by State Govt.

(11) For salary of Yoga Instructors amount released from UGC Rs. 46,558/- 27.11.97 and Rs. 72,000/- on 21,3,98

(12) For Orientation and Refresher Courses, sanction received from UGC of Rs. 2 lakhs on 25.3.98

Sanctioned/Released from UGC towards DSA, DRS etc. programmes during the year 1997-98 (upto 31st March, 1998)

(a) Departmental Special Assistance, Botany, Rs. 2.80 lakhs on 18.9.97 (D S A)

(b) DSA, Chemistry,	Rs. 5,53,500/- on 1.10.97.
(c) COSIST, Botany,	Rs. 1 lakhs on 22.10. 97
(d) DSA, Physics	Rs. 3,26,517/- (Sanction recd.)
(e) DSA, Bengali,	Rs. 4,40,000/- on 7.1.98
(f) DSA, Botany	Rs. 4,98,884/- on 31.12.97
(g) DSA, Chemistry	Rs. 2 lakhs on 27.1.98

28 Research Schemes/Projects running in the University.

57 Scholars have been awarded Ph. D degree from the University during the year 1997-98.

KALYANI UNIVERSITY

Year of Establishment- 1960
Main Campus at Kalyani, Dist.-Nadia

FACULTY-4
(Science ; Arts & Commerce ; Education ; Engineering & Technology)

DEPARTMENTS- 21
(Science-9 ; Arts & Commerce-10 ; Education-2)
Centres-2 (USIC & Adult & Continuing Edn.)
One Institute-INSPARK)

Name of Faculty & Departments	2 years P.G. Courses	Intake
FACULTY OF ARTS & COMMERCE		
Bengali		70
Commerce		75
English		55
Economics		45
Folklore		35
History		70
Library & Information Sc.		20
Political Science		65
Sociology		40
SCIENCE FACULTY		
Bio-Physics & Bio-Chemistry		13+13
Botany		30
Computer Science (DCA) one year		10
Chemistry		35
Ecological Studies (M. Phil)		10
Mathematics		55
Physics		30
Statistics		20
Zoology		30
FACULTY OF EDUCATION		
Education Deptt.–B.T (1 year)		176
M.A/M.Sc. in Education (two years)		50
Physical Education–B. Ed (in physical Education) 1 Yr.		80
M.P. Ed (2 Yr.)		25

The University conducts 3 years Honours courses in the following subjects

B.A (Hons.) in English
do Sociology
do Economics
do Bengali

B.Sc. (Hons.) in Chemistry
do Physics
do Mathematics
do Statistics
do Botany
do Zoology

The University also conducts B.A/B.Sc/B.Com. Pass & Honours courses in its 3 affiliated degree colleges.
Besides this, University conducts certificate course in Chinese & Russian Language.
M. Phil courses in English, Education & Ecology are also conducted by the University.

KALYANI UNIVERSITY

1. Enrolment of students of Kalyani University at UG & P.G level subjectwise ...Please see Annexure-I
2. Emamination Results of under-graduate & post-graduate level ...Please seeAnnexure -II
3. Annual statement of Academic Staff College .....The Universtiy has not set up such college.
4. Research activities of different departments ...Please see Annexure-III
5. Vocational courses if any in the P.G & Under-graduate level/Colleges, and other programmes, if any- Nil
6. Informations regarding affiliated Colleges:-

No. of affiliated College	...6
General Degree College	...3
B. Ed. College	1
Engineering College	2

Name of the College	Subject taught	Total Students
Kanchrapara College, Kanchrapara, 24-Pgs (N)	3-years Hons. in Mathematics, Bengali, Economics, Pol. Sc, Hindi, B.Com 2 years Pass course in B.A,B.Sc., B.Com.	M– 880 F– 1272 2152
Chakdaha College, Chakdaha, Nadia	3 years Hons. in Bengali, English, Economics History, Pol. Sc. Physics, Chemistry, Commerce & B.A/B.Sc. B.Com. 2 years Pass course	Commerce M– 817 F– 732 1549
Haringhata Mahavidyalaya, Subarnapur (Haringhata), Nadia	3 years Hons. in Bengali & Commerce & 2 year pass course in B.A. & B. Com.	M– 647 F– 201 848
Sachinandan College of Education, Shimurali, Nadia	Bachelor of teaching course	M– 129 F– 70 199
Kalyani Engineering College (Govt.), Kalyani	3 years B. Tech	M– 296 F– 13 309
Institute of Engineering & Management, Salt Lake, Calcutta	3 years Electronics & Telecommunication Engineering. 3 years Computer Engineering	M– 106 F– 14 120

SOME OUTSTANDING RESEARCH ACTIVITIES OF THE UNIVERSTY

Sponsoring Agency	No. of Scheme	Sponsoring Agency	No. of Scheme
UGC	9	WBDST	3
ICRR	15	AICTE	1
ICMR	2	ICFRE	1
DST	5	ICCR	4
DBT	2	WBNES	4
CSIR	5	DRDO	1
DOE	1	INSA	2
ICRA	1		

ANNEXURE–I

Enrolment of students at the Post-graduate level.

Name of the course		Boys Gen	Boys SC	Boys ST	Girls Gen	Girls SC	Girls ST	Total
M.Sc. Botany	Pt–I	8	2	1	18	1	–	30
do	"–II	17	2	–	8	–	–	27
" Chemistry	Pt–I	20	2	–	13	1	–	36
do	"–II	11	1	–	17	2	–	31
" Math	Pt–I	36	5	–	21	–	–	62
do	Pt–II	32	3	–	9	1	–	45
" Stat	Pt–I	8	–	–	7	–	–	15
" "	Pt–II	9	1	–	1	–	–	11
" Zool	Pt–I	6	1	–	26	–	–	33
" "	Pt–II	9	1	–	9	–	–	19
" Physics	Pt–I	22	–	–	9	–	–	31
" do	Pt–II	17	3	–	5	–	–	25
"Bio-Physics	–I	5	1	–	7	–	–	13
do	Pt–II	5	1	–	6	–	–	12
" Bio-Chem	Pt–I	7	–	–	6	–	–	13
do	Pt–II	9	–	–	1	–	–	10
		221	23	1	153	5		413
M.A. Bengali	Pt–I	10	2	–	55	3	–	70
do	Pt–II	8	1	–	58	3	–	70
English	Pt–II	13	–	–	18	4	–	35
do	Pt–II	22	3	–	20	2	–	47
Economics	Pt–I	28	1	–	24	–	–	53
do	Pt–II	14	1	–	16	1	–	32
Sociology	Pt–I	14	1	–	30	–	–	45
do	Pt–II	4	–	–	25	3	–	39
Pol. Science	Pt–I	10	1	–	52	4	–	67
do	Pt–II	12	2	–	30	3	–	47
History	Pt–I	22	16	–	31	5	–	75
do	Pt–II	21	7	2	29	4	–	63
Floklore	Pt–I	3	4	–	25	3	–	35
do	Pt–II	5	4	–	15	5	–	29
		186	43	3	428	40		700
M.Com	Pt–I	65	5	–	6	–	–	76
do	Pt–II	52	5	–	4	1	–	62
		117	10	–	10	1	–	138

Name of the course		Boys Gen	Boys SC	Boys ST	Girls Gen	Girls SC	Girls ST	Total
M/A/ M.Sc Edn	Pt–I	29	8	–	23	3	–	63
do	Pt–II	18	3	–	12	2	–	35
M.P. Ed	Pt–I	10	4	–	11	–	–	25
do	Pt–II	19	4	–	3	–	–	26
	Grand Total	76	19		49	5		149

Enrolment of students at the Under graduate level.

B.Sc (Hons) Physics	1yr	13	6	–	4	2	–	25
do	2yr	16	5	–	1	1	–	23
do	3yr	3	–	–	3	–	–	6
" Chemistry	1yr	12	5	–	6	1	–	24
do	2yr	13	4	–	5	4	–	26
do	3yr	4	–	–	3	–	–	7
"Mathematics	1yr	14	3	–	5	5	–	27
do	2yr	14	4	–	7	3	–	28
do	3yr	10	1	–	3	–	–	14
" Statistics	1yr	16	1	–	5	1	–	23
do	2nd	18	1	–	4	1	–	24
do	3yr	3	1	–	1	–	–	5
" Zoology	1yr	12	1	1	6	4	–	24
do	2nd	8	3	–	10	2	–	23
do	3rd	4	–	–	5	1	–	10
" Botany	1yr	12	3	–	5	4	–	24
do	2yr	6	2	–	13	3	1	25
do	3rd	7	1	–	7	2	–	17
		185	41	1	93	34	1	355
B. A. (Hons) Beng.	1yr	14	10	–	18	3	1	46
do	2yr	9	5	–	23	5	1	43
do	3rd	11	2	–	20	1	1	35
" English	1yr	15	10	–	17	3	–	45
do	2yr	26	4	–	11	4	–	45
do	3rd	25	1	1	10	2	–	39
"Economics	1yr	20	5	–	12	3	–	40
do	2yr	15	5	–	21	4	–	45
do	3rd	18	2	–	16	1	–	37
" Sociology	1yr	5	3	–	15	11	1	35
do	2yr	10	3	–	30	1	1	45
do	3rd	6	1	–	18	3	–	28
		174	51	1	211	41	5	480

Name of the course	Boys Gen	Boys SC	Boys ST	Girls Gen	Girls SC	Girls ST	Total
M. Phil in Ecology	9	–	–	4	–	–	13
" English	3						3
" Education	2			3			5
	14			7			21
One year Post-graduate diploma courses							
Bachelor of Teaching	71	32	1	56	14	2	176
B. Ed in Physical Education	40	16	3	13	4	–	76
Diploma in Computer Sc	16			2			18
Instrumentation	19	1					20
Adult Education	9	3	–	8	–	–	20
Chinese Language	2	–	–	3	–	–	5
Russian Language	4	–	–	1	–	–	5
Library & Inf. SC (BILS)	7	–	–	10	1	–	18
	168	52	4	93	19	2	338

ANNEXURE–II

Examination Result

Name of the course		Appeared M	Appeared F	Appeared Total	Passed M	Passed F	Passed Total
B. A (Hons) in Bengali	Pt–I	8	34	42	6	31	37
do	Pt–II	8	32	40	5	30	35
" English	Pt–I	26	16	42	24	15	39
do	Pt–II	17	27	44	16	24	40
"Economics	Pt–I	19	22	41	17	21	38
do	Pt–II	17	21	38	14	18	32
" Sociology	Pt–I	15	32	47	6	22	28
do	Pt–II	14	26	40	12	23	35
Total B. A (Hons)		124	210	334	100	184	284
B. Sc (Hons) in Physics	Pt–I	6	3	9	6	3	9
do	Pt–II	6	5	11	6	5	11
" Chemistry	Pt–I	14	3	17	7		7
do	Pt–II	9	4	13	9	4	13
"Mathematics	Pt–I	21	9	30	14	9	23
do	Pt–II	8	11	19	7	11	18
" Statistics	Pt–I	13	2	15	13	2	15
do	Pt–II	14	7	21	11	5	16
" Botany	Pt–I	9	7	16	8	7	15
do	Pt–II	8	13	21	8	12	20
" Zoology	Pt–I	8	4	12	6	4	10
do	Par–II	5	11	16	5	11	16
Total B. Sc (Hons)		121	79	200	100	73	173

Name of the course	Appeared M	Appeared F	Appeared Total	Passed M	Passed F	Passed Total
Professional courses (duration : one year)						
B. Ed in Physical Education	37	14	51	32	13	45
B. T.	101	58	159	99	57	156
Instrumentation			10			10
Computer Sc (DCA)			11			10
B.L.I.S			18	9	4	13
Adult Edn.			17	8	5	13
Russian Language			3			2
Chinese Language			3			2
Engineering courses						
B. Tech (M. E)						26
do (Computer)						11
M. Phil in						
English			9			8
Ecology			9	3	3	6
Education			3	1	2	3
			293			305

Examination Result of Post-graduate courses (1996-97)

M. A. Course in Bengali	Pt–I	10	60	70	10	60	70
do	Pt–II	13	65	78	10	58	68
" English	Pt–I	30	24	54	24	23	47
do	Pt–II	25	30	55	19	24	43
" History	Pt–I	30	35	65	33	32	65
do	Pt–II	31	41	72	28	39	67
" Pol. Science	Pt–I	17	41	58	12	35	47
do	Pt–II	10	42	52	9	41	50
"Economics	Pt–I	14	24	38	11	21	32
do	Pt–II	23	19	42	20	17	37
" Sociology	Pt–I	8	27	35	7	26	33
do	Pt–II	6	24	30	3	18	21
" Folklore	Pt–I	10	19	29	10	19	29
do	Pt–II	10	25	35	8	23	31
M. A/M. Sc in Education	Pt–I	22	15	37	19	15	34
do	Pt–II	13	15	28	12	13	25
M. P. Ed (Physical Edn)	Pt–I	20	4	24	19	4	23
do	Pt–II	21	4	25	17	3	20
	Total	313	514	827	271	471	742

Name of the course		Appeared M	Appeared F	Appeared Total	Passed M	Passed F	Passed Total
M. Sc course in							
Physics	Pt–I	21	11	32	17	10	27
do	Pt–II	18	8	26	18	8	26
" Chemistry	Pt–I	20	11	31	19	10	29
do	Pt–II	16	11	27	16	11	27
"Mathematics	Pt–I	47	10	57	42	10	52
do	Pt–II	40	10	50	35	6	41
" Statistics	Pt–I	14	5	19	9	1	10
do	Pt–II	6	7	13	5	5	10
"Bio-Physics & Bio-Chemistry	Pt–I	19	4	23	17	4	21
do	Pt–II	13	11	24	14	8	22
" Botany	Pt–I	13	13	26	13	13	26
do	Pt–II	14	17	31	8	15	23
" Zoology	Pt–I	14	11	25	13	11	24
do	Pt–II	17	15	32	14	12	26
	Total	272	144	416	240	124	364
M. Com	Pt–I	67	0	67	62	0	62
do	Pt–II	56	6	62	55	6	61
		123	6	129	117	6	123

ANNEXURE–III

RESEARCH ACTIVITIES

Research work which are in progress in the department of Chemistry.

(a) **Inorganic chemistry :**
Synthetic Inorganic Chemistry, Mechanistic investigation of Inorganic reactions, Organo-metallic compounds; Synthesis, Structure and reactivity. Molecular Orbital theory in the elucidation of electronic structure, charge transfer, Fluorine chemistry, Quantum mechanics as applied to Chemistry, Bio-inorganic Chemistry & Analytical applications of chelating ligands.

(b) **Organic Chemistry :**
Synthetic Organic Chemistry, Reaction mechanism of organic compounds, Chemistry of Natural products, Transformation Studies of triterpenoids. Heterocyclic compounds synthesis, structures and reactivity.

(c) **Physical Chemistry :**
Polymerisation kinetics, Biodegradable polymers, Photochemical cells, Solar energy conversion, Corrosion, Rates and equilibrium of organic reaction, Thermodynamics and spectral properties of organic Ligands, Statistical thermodynamics of liquids and liquid mixture, Solute-Solvent interaction, Hydrophobic interaction, Enviromental Chemistry.

(d) **Analytical Chemistry :**

Separation techniques, electroanalytical investigation, topics related to soil and water analysis.

(e) **Publications etc. during 1997-98**

(i) Publications (Journals & Conference Proceedings) 51 (44 + 7)

(ii) Ph. D.s produced.....4.

(iii) Conferences/Symposia/Seminars attended/sessions chaired/Invited lecture delivered.....18.

DEPARTMENT OF PHYSICS

Sl. No.	Name	Topic (Research activity)	No. of Students
1.	Professor P. Dasgupta	: High energy physics and plasma physics	1
2.	Prof. S. K. Deb	: Study and analysis of different physical properties like electrical, optical, magnetic etc. of various high temperature superconductive compunds.	1
3.	Sri. A. Nag		
4.	Dr. C. Neogy		
5.	Prof. S. Chaudhuri	: Study on Chemical states, Phase formation etc. in Noble Metal Silicides (Scheme sponsored by Inter University consortium being run in collaboration with Indira Gandhi Centre for Atomic Research, Kalpakkam.	One
6.	Prof. P. Rudra	: Mixed valence systems-electronic, thermal magnetic properties (Theoretical)	One
7.	Dr. S. Biswas	: Astrophysics and cosmology :- (i) Study of boundary conditions for the wave function of universe (ii) Zeroing mechanism of cosmological constant (iii) Particle production in curved spacetime..	5
8.	Dr. A. C. Ray	: Multi-particle emision in atomic Collisions	Nil
9.	Dr. A. Chakraborty	: Electronic and statistical properties fractals quasicrystalline lattices in low dimension	Nil
10.	Dr. Somenath Chakraborty	: Effect of strong Magnetic Field on Dense Hadronic and Exotic Matter of Astrophysical Interest. (ii) Neutrino Transport in Dense quark Matter Presence of Strong Megnetic Fields.	Two
11.	Dr. A.B. Bhattacharjee	: Solar radio astronomy and radio wave propagation including atmospheric	Three
12.	Dr. N. Rudra	: Mean fed theory (relativistic and non-relativistic) in nuclear physics	None

13.	Dr. A. L. Bhattacharjee	: Study of Defects and defects mechanisms in Solids	
14.	Sri. A. K. Bose	:	
15.	Dr. S. Ray	: Particle and Nuclear Physics	One
16.	Dr. R. L. Sarkar	: Study of super conducting pairing mechanism in heavy fermion systems (model calculation)	One
17.	Dr. A. Sinha	: Semiconductor Devices	Nil
18.	Dr. B. Modak	: Cosmology	Nil

Department of Physical Educaion

The Department of Physical Education has so far produced 19 Ph. D. in a span of 10 years. Within 1996 and 1997 five research students were awarded Ph. D. Degree. The Department has one research laboratory and one more is in the making.

THRUST AREA OF RESEARCH

1. Physiolgy of Exercise & Sports
2. Training method
3. Performance evaluation
4. Adapted Physical Education for handicapped population
5. Bio-mechanics of Physical activity
6. Psychology & Psychophysiological reactivity
7. Physical fitness
8. Pedagogy

Research Scholars

Five full time Research Scholars and about 12 parttime scholars are working under eight teachers of the Department.

DEPARTMENT OF FOLKLORE

RESEARCH ACTIVITIES

1. Sri Asish Paul was awarded Ph. D degree for his work Bangla Loke Sahitye Nritathik Upadan.
2. Sri Jogesh Ranjan Pathak was awarded the Ph. D degree for his work 'Loke Siksha O Loke Sanskriti'.
3. Sri Rabindranath Sasmal was awarded Ph.D degree for his thesis entiled '"Bangla Loke Sahitye Oitihasik Upadan".
4. Field work for collecting materials related to folk litarature, folk drama, folk religion, folk art, folk song, folk life was arranged at Jalpaiguri. These materials are being used for research work.
5. State level Seminar on Applied folklore & Linguistics was arranged in the deptt. in the year 1997.

Department of Biochemisty & Biophysics

ONGOING RESEARCH ACTIVITES

In this department all teaching staff have been engaged in extensive research investigation on the topics mentioned as following :

A. Macromolecular Conformation & Protein folding.

B. Electron Microscopic, Theoretical Modelling & Biomedical Image processing.

C. Microbial Genetics, Genetic Engineering & Biotechnology.

D. Radiation Biology.

E. Developmental Biochemistry.

F. Molecular Pharmacology.

PUBLICATIONS

S. K. Patra & M. K. Pal—Spectroscopic probes of the individual.....on serum albumin-albumin complexes. (1997), Europ, J. Biochem 246.658-64.

S. K. Patra & M. K. Pal—Red Edge Excitation shift.....complexs. (1997), Spetrochem Acts. 53,1609-14

S. K. Parta & M. K. Pal—Dichroic probe.....Bovine serum albumin. (1997), J. Macromol. Sci-Pure 434. 1569-79 & Appl. Chem.

S. Sarkar & M. K. Pal—Blood anticoagulation of phytin.....(1997), Chem & Biol. Herb. Med 131-40.

A. Mandal & M. K. Pal. —PCA of identification of dye-surfactant.....(1997), Colloid & Interface Sci, 192, 83-93.

S.K. Patra & M. K. Pal. —Effect of visible light.....Neonatal Jaundice. (1997), J. Indian Chem. Soc. (in press).

S. Mallick & A. K. Dasgupta—Bioleaching of copper from.....(1997), Curr. Sci. 72.201-205

T. Basu & R. K. Podder.—Over expression of inducible protein in *E. Coli*.....(1997), Biochem Mol. Biol Internal. 41.1093-1100.

S.K. Das & P. K. Ray.—Ontogeny of neurotrasmitter amino acids in human .....(1997), Biochem Mol. Biol. Inat 42.193-204

P. Bhaksi & D. Bhattacharya—Image contrast of biological materials in high.....(1997) J. Elect. Microscopy. 46.

D. K. Bhattacharya & P. Bhakat—Darkfield contrast of elements in high voltage .....(1997), Jap. J. appl. Phys.36, 2918-2921.

D. K. Bhattacharya & P. Bhakat—Image contrast of biological macromolecules.....(1997), Indian J. Bioch & Biophys. 34,391-395.

P. Bhakat & D. K. Bhattacharya—Darkfield contrast amorphous elements in high.....(1997-98), Proc. Indian National Sc. Acad in press.

S. K. Chakraborti—Targets of oxidative stress in .....(1998), Mol. Cell. Biochem.

A. Goswami & M.K. Pal.—Spectroscopic probes.....deoxycholate and cholate. (1998), Colloid & Surfaces. In Press.

A. K. Goswami & M. K. Pal.—Transfer of energy for.....surfactants. (1998), In Press.

S. Ali Mallick & A. K. Dasgupta—Bioleaching of coppers from Chalcopyrite ores coated with (1997), Curr Sci 72. 201-205.

Number of Ph. D. awarded students : Four (4)

Number of thesis submitted sutdents. Six (6)

Number of Ph. D. registration students. Three (3).

DEPARTMENT OF BOTANY

Fields : Induced Polyploidy in Nigella, Sesamum & Lathyrus as well as tissue culture in Linum.

— Study on genetic and breeding aspects of cowpea, mustard and sesamum.

— Tissue & Cell culture techniques and crop improvement in ground nut, cashew nut etc.

— Raising plantlets through micropropagation for need and cymbopogan.

— Dev. of abiotic stress tolerant rice cultivars through cell and tissue culture methods.

— Biochemical investigation on different specices of Bauhinia with respect to protein and DNA content and also the Chromosomal studies.

— Study on Conservation and preservation of forest flora in West Bengal.

— Study on Nigella sativa & Dhoco spathea.

Plant Physiology : Isolation, identification and characterization of naturally occurring compounds having antitumor activity from Bauhinia.

— Exploration of antifungal, antibacterial and in Secticedal properties of compounds.

Micology & Plant Pathology : Study on ecology of soil borne plant pathogenic bacteria and their mechanisms of survival with respect to Pseudomonas and Xanthomonas in nature.

— Study on the molecular biology of N_2—fixation diazatrophs.

— Melecular basis of pathogeneity—specially the role of Plasfids.

— Induction of resistance in rice and gram through use of conventional methods.

— Studies on Pathogenecity factor in Rhizoctonia and its significance in rice disease development.

Taxonomy : Study on petiole and leaf vasculatene pattern on Moraceae,Morphology of seedlings, their petialos and nodes to evaluate their phylogenetic aspects.

— Taxonomic revision of the tribe Ocimoideae under Lamiaceae of India.

— Electron microscopy of seed surface in many plants of Asteraceae on seed surface structures.

— Anatomical and palynological studies on Verbivaceae and Carpological investigation on Compositae.

Periodology & Palaeobotany :

— Writing of Monographs of India Lycopodiaceae and Indian Selaginella.

— Floristic studies of ferns of Tripura State and the districts of 24-parganas.

— Studies of structure and ontogeny of stomata of ferns.

— Manographic study of the Davallioid ferns.

— Palynological exploration of Cretaceous and Tertiary Sediments of Meghalaya and Saurastra basin.

— Study on Demarcation of Cretaceous–Tertiary boundary through Palynological approach.

— Study on Morphological evolution of Angiosperm pollen and Pteridophytic spores.

Microbiology : Ecological aspect of Prhodospirabiaceae in paddy fields in relation to their use as bio-fertilizer.

— Study of algal flora in lotic and lentic Sediments and the impact of pollution of the flora.

— The ecology of Aeschynomene with reference to their contribution in N_2–budget of ecosystem.

— Investigation on the ecology and genetics of tropical Rhizobia.

DEPTT. OF ECOLOGICAL STUDIES

Field of research :

— Biomonitoring of urban air quality by lichens.

— Ecology of fresh water and estuaries ecosystems with respect to plant diversities in algal forms as well as higher angiospermic plants.

— Ecological studies of industrial effluents and toxic metals.

— Analysis of uptake of biotransformation of arsenic metal.

— Impact of industrial solid waste dumping on natural flora and colonisation.

— Study of stress biology on salt stress plant.

— Wasteland reclamation in mine area by biological means.

— Domestic and industrial waste water treatment by using macrophytic plants and algal system.

— Restoration of Coastal sand dunnes.

— Wetland mapping and resource survey.

— The non-timber forest resources availability and their prospective utilisation.

Earth Science :

— Studies on landscape dynamics, basin geomorphology and ecological functioning of microwatershed and stream network.

— Ecological cartography and groundwater modelling.

— Morphometrical analysis for watershed management plan with reference to aquifer recharge.

Physical Sciences :

— Noise pollution in urban environment.

DEPARTMENT OF COMMERCE

— Mutual Funds in India—an analysis of growth performance and possibilities—Prof. P. K. Bhattacharya.

— Trend of Indian agriculture in the Post Independence period.

— Performance of Domestic Savings in India since 1950-51.

— The unfavourable sex ratio and the deprivation of women in India.

USIC

Sanoy Das, Scientific Officer and Partha Pratim Sarkar are engaged in research studies under USIC.

DEPTT. OF STATISTICS

— Optimal tests for no contamination in 'Reliability model' and optimal tests for isotrophy against the symmetric wrapped stable—circular uniform mixture family—Sri C. Pal ; in collaboration with A. Sengupta.

— An analysis in closed loop input-output model—Dr. D. Bandopahdyay.

DEPTT. OF POLITICAL SCIENCE

— Regional Movements in India—some recent trends.

— Post—Mao China's quest for Economic Modernisation. Monograph,—Prasanta Sengupta.

— India's political cultures : Federalising India in Anthology in Indian Politics.

— Theory in International Relations.

— Making and unmaking of Political Cultures—Amartya Mukhopadhyay.

— Press and Foreign Policy.

— New Dimensions in India's Foreign Policy—P. P. Basu.

NORTH BENGAL UNIVERSITY

Main campus of the University at Raja Ram Mohanpur, Siliguri, District Darjeeling

P. G. COURSES 2 YEARS

FACULTY OF ARTS (M.A.)

Departments :

Bengali, English, Economics, Nepali, Philosophy, Sociology and Social Anthropology and History.

FACULTY OF SCIENCE (M. SC.)

Departments :

Botany, Chemistry, Computer Science and Application, Geography and Applied Geography, Mathematics, Physics and Zoology.

Engineering, Medical and Pharmacy courses are offered in Jalpaiguri Engineering College & University Medical College. There is also part-time B. Ed. evening course for 18 months.

Bachelor course in Library Science and in Law are also conducted by the University. There are also two centres run by the University. These are :

(i) Centre for Himalayan Studies (ii) Centre for Life Science

RESEARCH ACTIVITIES

Research Programmes/activities conducted by the University :

(i) CSIR and DST (W.B.) sponsored projects are being carried on in the department of Chemistry. Two personal computers (AT 386) have been installed at the department.

(ii) The department of Botany has undertaken a programme of research on Tea. Funding agencies are D.S.T., C.S.I.R. and U.G.C. The department has also undertaken a programme on plantation as a source of non-conventional energy. A plantation programme covering 70 hectres of land for fast growing tree species for fuel and fodder suitable to the areas in North Bengal has been undertaken by the University. The Programme is sponsored by the Department of Non-Conventional Energy Sources, Ministry of Power, Government of India.

(iii) A number of research projects are going on in the department of Zoology under the sponsorship of UGC and CSIR.

(iv) The University Science and Instruction Centre has set up a Micro-processor training laboratory under the sponsorship of the Department of Science & Technology, Government of West Bengal.

(v) A High Energy & Cosmic Ray Centre has been established in the University. This Centre has been invited by the Commission on Cosmic Rays of the International Union of Pure and Applied Physics for collaboration.

(vi) A project on "Participatory Forest Management" has been undertaken by the Department of Sociology and Social Anthropology.

(vii) The Centre of Himalayan Studies in conducting Socio Scientific Studies of the Eastern Himalayan region.

(viii) North Bengal Medical College has introduced a P. G. course on Opthalmology.

The research programmes are funded by UGC, CSIR, ICSSR, DST, DAE, DBT etc.

Other undergraduate courses (B.A./B.Sc./B.Com./B.Ed./B.P.Ed.) are conducted in affiliated Colleges.

TYPES OF THE COLLEGES		Number
General Degree Colleges	...	48
B. Ed. Colleges	...	5
Physical Education College	...	1
Engineering College	...	1
Medical College	...	1
Colleges under Govt. of Sikkim	...	2
B. Ed. Deptt.	...	1
Girls' Colleges	...	6
Law Colleges	...	1
Others	...	2

ENROLMENT

P G classes : M. A. —482, M. Sc.—212, M. Com.—75 = Total—769

Others : DCA—26, MCA—30

Total enrolment in U G courses in 1994-95 : B. A. (Pass)—16,364, B. Sc.—2,441, B. Com.—1827, B.Ed.—1028, LL. B.—825, B. Lib.—53, B. E. (Tech.)—132.

Enrolment in research programmes : 64

Enrolment in Hons, level in Affiliated Colleges : 3,093

B. A. (Hons.)—2243 students, B. Sc. (Hons.)—683 students, B. Com. (Hons.)—177 students.

Affliation of new subjects since 1977— UG : B. A.—Sociology.

B. Sc.—Sericulture, Statistics, Computer Science.

Hons. level—Sociology

VOCATIONAL subjects—5 Colleges—Sericulture, Archaeology, Tourism & Travel Management, Computer Application, Communicative English.

Sales Promotion & Sales Management, Office Management & Secretarial Practice.

PG : Botany, Zoology, MCA, DCA, BLIS.

1. Enrolment of students of P. G. level and under-graduate level.

		BOYS			GIRLS		
Sl. No.	Course	GEN.	SC	ST	GEN.	SC	ST
(i)	M. A. 1st Year	163	99	7	153	30	4
(ii)	M. A. 2nd Year	129	79	4	177	28	1
(iii)	M. Sc. 1st Year	99	30	2	69	8	3
(iv)	M. Sc. 2nd Year	120	19	—	8	1	1
(v)	M. Com. 1st Year	53	10	1	11	—	—
(vi)	M. Com. 2nd Year	36	4	1	5	—	1
(vii)	M. C. A. 1st Year	24	2	—	4	—	—
(viii)	M. C. A. 2nd Year	24	2	—	2	—	—
(ix)	M. C. A. 3rd Year	22	—	—	3	—	—
(x)	B. A. Part–II Hons.	4187	6161	1250	4314	2823	838
(xi)	B. Sc. Part–II Hons.	1397			669		
(xii)	B. Com. Part–II Hons.	828			161		
(xiii)	B. A. Pass	13,235			9526		
(xiv)	B. Sc. Pass	1915			736		
(xv)	B. Com. Pass	4621			585		

2. Result at the undergraduate level :

Sl. No.	Course	Total No. of students appeared		Toal No. of condidates passed	
		Boys	Girls	Boys	Girls
(i)	B. A. Pass	9361	5315	3275	2828
	B. A. Hons.	1223	1175	757	884
(ii)	B. Sc. Pass	810	159	484	99
	B. Sc. Hons.	374	152	236	103
(iii)	B. Com. Pass	2564	237	1223	119
	B. Com. Hons.	211	18	139	15
(iv)	B. Lib.	35	11	33	10
(v)	B. Ed.	669	449	441	319

	TOTAL	MALE			FMALE		
		GEN.	SC	ST	GEN.	SC	ST
3. Number of Teachers :	164	134	9	—	20	1	—

Category :

(i) Professor 39

(ii) Reader 74

(iii) Lecturer 51

4. Duration of the Course :

MA/M.Sc./M.Com. — Two years

M. C. A. — Three years

B. L. I. S. — One year

P. G. D. T. M. — One year

5. Entry qualification :

B. A./B.Sc./B.Com. Honours Graduate for Post-graduate admission including MCA. BA/B.Sc./B.Com. pass for B.L.I.S. admission. All graduates but science group in HS examination for P.G.D.T.M.

6. Colleges with vocational courses :

(i) Raigani University College — Sericulture

(ii) Balurghat College — Archeology and Museology

(iii) Govt. Degree College, Sikkim — Tourism and Travel Management

(iv) P. D. Womens' College — Tourism and Travel Management

(v) Alipurduar College — Computer Applications

(vi) Coochbehar College — (a) Communicative English
(b) Office Management and Secretarial Practice
(c) Sales Promotion and Sales Management

U. G. C. PROJECT

	Title of the Project	Name of the Principal Investigator	Department
1.	A Comparative Study of rural development programme in West Bengal & Andhra Pradesh.	Prof.. S. N. Roy (Teacher on re-employment)	Political Science
2.	Studies on the roll of Crystal structure on thermotropic mesomorphism.	Dr. P. K. Mandal	Physics
3.	Taxonomical and Ecological studies on Angiospermic climbers of Darjeeling and Sikkim Himalayas.	Dr. A. P. Das	Botany
4.	Interaction Graphs and Intersection Diagraphs	Dr. M. K. Sen	Mathematics
5.	Indenty state and the crises of modernisation : Bhutanese politics at the cross road	Dr. Anup Dutta	Political Science
6.	Modification sperical Harmonic and its application to transport	Prof. S. B. Karanjai	Mathematics
7.	Biochemical serological changes in Soyabeen resulting from interaction disease	Dr. Usha Chakraborty & Dr. B. N. Chakraborty	Botany
8.	Art & Society : A study of Medieval sculptural Art of Gangetic Valley	Dr. M. M. Mukhopadhyay	History

OTHER PROJECTS

	Name of the Scheme	Name of the Project Director	Name of the Funding Agency
1.	"Electric Scattering and Paid production of 1.115 McV Photons.".	Dr. S. K. Sengupta Deptt. of Physics, N.B.U.	U.S.—India Co-operative Research
2.	"Microbial Decaffeination of Coffee and Black Tea".	Dr. P. K. Sarkar Deptt. of Botany, N.B.U.	C.S.I.R.
3.	"Effect of Solvent Structure on Ionic Mobilities in Low Dielectric Media".	Dr. Dilip Kumar Hazra Prof. Deptt. of Chemistry, N.B.U.	C.S.I.R.
4.	"Polymerization of water soluble vinyl monomers on phillosilicates".	Dr. Swapan Kr. Saha Lecturer, (Sr. Scale) Deptt. of Chemistry, N.B.U.	C.S.I.R.
5.	Phytochemical Investigations of the Flora of Darjeeling Hill Area and some Transformative reactions of Triterpenoids and Steroids".	Dr. B. P. Pradhan, Reader, Deptt. of Chemistry, N.B.U.	C.S.I.R.
6.	"Mossbauer Spectroscopic Investigation of Soils".	Dr. S. C. Das, Secretary, Faculty of Science, N.B.U.	Inter-University Consortium for DAE facilities, Cal. Centre.

Name of the Scheme	Name of the Project Director	Name of the Funding Agency
7. Preparation and Reaction of Picolyl-stannanes—Versatile Reagents for heterocyclic Synthesis".	Dr. B. Basu, Reader, Deptt. of Chemistry, N.B.U.	C.S.I.R.
8. "KID-Expert system for Poetal and Child Growth and Development for North Bengal Districts—An Object-Oriented-Approach".	Dr. R. K. Samanta, Reader, Deptt. of Computer Science and Application, N.B.U.	C.S.I.R.
	and	
	Dr. (Mrs.) Mridula Chatterjee M.D., Deptt. of Pediatric Medicine, N. B. Medical College	C.S.I.R.
9. "Abiotic and Biotic Stress Response of Tea Plants and their Biochemical Characterization".	Dr. (Mrs.) Usha Chakraborty, Reader	C.S.I.R.
	and	C.S.I.R.
	Dr. B. N. Chakraborty, Reader, Deptt. of Botany, N.B.U.	
10. "Structure property relationship of liquid Crystals by molecular dynamic simulation".	Dr. (Mrs.) Sukla Paul, Reader, and Dr. P. K. Mandal, Reader, Deptt. of Physics, N.B.U.	D.A.E.
11. "Neutron Scattering of Binary Mixtures of Liquid Crystals".	Dr. Mukul Kumar Mitra, Deptt. of Physics, Bangabasi Morning College, Calcutta	I.U.C. for D.A.E. facilities. Indore
	and	
	R. K. Paul, Professor, Deptt. of Physics, N.B.U.	-do-
12. "Small angle neutron scattering studies of smectic liquid crystals".	R. K. Paul, Professor, Deptt. of Physics, N.B.U.	-do-
13. "Survey of biological resources of the Neora Valley National Park in Darjeeling district of West Bengal".	Dr. A. P. das, Reader, Deptt. of Botany,	Govt. of W. B. (NESPON)
	and	
	Dr. A. Mukhopadhyay, Reader, Dptt. of Zoology, N.B.U.	Govt. of W. B. (NESPON) Directorate of Forests
14. "Development of Waste Lands in Darjeeling Himalayas".	Dr. (Mrs.) Sushma Rohatgi, Lecturer (Sr. Scale), Deptt. of Geography and Applied Geography, N.B.U.	G.B.P.I.H.E.D., Kosi-Almora.

Name of the Scheme	Name of the Project Director	Name of the Funding Agency
15. "Anthropological Analysis of Indian Populations by oligoncleotid typing of HLA class II Genes : A Multicentric Study".	Dr. T. K. Chowdhury, Reader, Deptt. of Zoology, N.B.U and Dr. N. K. Mehra, AIIMS, Professor, Deptt. of Histocompatibility, New Delhi	Deptt. of Biotechnology, Ministry of Science and Technology, Govt. of India.
16. "An Innovative Phytoimmunological Approach for early detection of Foliar diseases of Tea and its implication in screening disease resistant clones for in vitro regeneration".	Dr. B. N. Chakraborty, Reader, Deptt. of Botany, N.B.U. and Dr. (Mrs.) Ushal Chakraborty, Reader, Deptt. of Botany, N.B.U.	-do-
17. "Socio-Economic Status of the Fruit Cultivators in Darjeeling District of West Bengal".	Dr. M. M. Jana, Reader, Deptt. of Geography, N.B.U.	I.C.S.S.R.
18. "Status of Scheduled Caste Women : A case study of Rajbansis of West Bengal".	Dr. (Mrs.) Mita Bhadra, Reader, Deptt. of Sociology, N.B.U.	-do-
19. "The Darjeeling Gorkha Hill Council : An alternative politics administrative arrangement at sub-state level".	Dr. Dhrubajyoti Bhowmik, Professor, Deptt. of Political Science, N.B.U. and Dr. D. K. Sarkar, Deptt. of Political Sc., A.B.N. Seal College Cooch Behar.	-do- -do-
20. "International economic co-operation in post bipolar world : crisis and challenges in global polity".	Dr. Anup Kumar Datta, Reader, Deptt. of Pol. Science, N.B.U.	-do-
21. "Etiology of the Ulcerative Disease of Fishes".	Dr. Joydeb Paul, Lecturer (Sr. Scale), Deptt. of Zoology, N.B.U.	D.S.T. (New Delhi)
22. "Numerical simulation of intertial confinement fusion Plasmas".	Dr. Biswanath Bhattacharjee Professor, Deptt. of Mathematis N.B.U.	D.S.T. (New Delhi)
23. "Quantum gravity and cosmological model".	Dr. Sailajananda Mukherjee Professor, Deptt. of Physics, NBU and Dr. Ananda Mukhopadhyay, Reader, Deptt. of Zoology, N.B.U.	Govt. of India, Ministry of Environment and Forests -do-
24. "Bio-resource and systematic study of the geocorine predators, (Lygaeidae : Hemiptera : Insecta) from Indian sub-continent'.	Dr. D. C. Deb, Reader Dptt. of Zoology, N.B.U.	

NETAJI SUBHAS OPEN UNIVERSITY

(Established by W. B. Act (xiX)(of 1997)

1, Woodburn Park, Calcutta-700 020

Vice-Chancellor = Radha Raman Chakraborty

Activities = B.A. and B.Com. courses (Bengali Medium) for H.S. passed candidates will be started from July, 1998. B.Sc. courses will be started later.

29 study centres in different colleges of West Bengal have been opened where the students will be registered.

Annual tuition fee is Rs. 1000/-

For admission to B.A./B.Com. courses (Bengali Medium) application form & information booklet (priced Rs. 20/-) will be available from April 1 to May 10, 1998 on production of 10 + 2 or equivalent examination pass certificate from the following Study Centres during hours and day to be notified locally by them.

Centre (Code)		Centre (Code)	
1. Basanti Devi College, Calcutta	(A–02)	15. Suri Vidyasagar College	(C–03)
2. Gurudas College, Narkeldanga, Cal.	(A–03)	16. Netaji Mahavidyalaya, Arambagh	(C–06)
3. Maharaja Manindra Ch. College, Cal	(A–04)	17. Krishnagar Govt. College	(D–01)
4. Goenka College of Commerce and Business Administration, Calcutta	(A–05)	18. Barasat Govt. College	(D–02)
5. Surendranath Evening College, Cal.	(A–06)	19. Sri Chaitannya College, Habra	(D–03)
6. Victoria Institution, Calcutta	(A–07)	20. Mahadevananda Mahavidyalaya, Barrackpore	(D–04)
7. Shibpur Dinabandhu Institution, Cal	(A–08)	21. Karimpur Pannadevi College	(D–05)
8. Raja N. L. Khan Womens' College, Midnapore	(B–03)	22. Chakdah College	(D–06)
9. Tamralipta Mahavidyalaya, Tamluk	(B–04)	23. Balurghat College	(E–01)
10. Fakir Chand College Diamond Harbour	(B–05)	24. Raigunj University College	(E–02)
11. Haldia Govt. College	(B–06)	25. Maldah College	(E–03)
12. Nistarini College, Purulia	(B–07)	26. Krishnath College, Berhampore	(E–04)
13. Behala College	(B–08)	27. Siliguri College	(F–01)
14. Burdwan Raj College	(C–01)	28. Ananda Ch. College, Jalpaiguri	(F–02)
		29. Coochbehar College	(F–03)

Form and Booklet will also be available during this period from the University Office (12 noon to 2 p.m. and 3 p.m. to 4 p.m. from Monday to Friday excepting holidays).

Filled-in forms with 4 passport siz photographs, demand draft for enrolment fees and necessary documents will be received only at the above centres (not at University Office) upto 15 May, 1998.

In the current year the Government has established The Netaji Subhas Open University by the West Bengal Act XIX of 1997 to provide educational opportunities to all those belonging to the backward and weaker sections of society as well as the students who cannot be accommodated in institutions of higher learning owing to socio-economic conditions and other limitations and to promote equality of opportunity for higher education for a large segment of the population, including those who are in employment and women (including housewife), specially in the remote and inaccessible areas as also adults who wish to upgrade their knowledge in various fields, through correspondence course, contact programmes, study centres and various forms of mass media, promoting advancement and dissemination of knowledge and learning and extending higher education to meet the growing needs of society.

PART III—Acts of the West Bengal Legislature

GOVERNMENT OF WEST BENGAL

LAW DEPARTMENT

Legislative

NOTIFICATION

No. 2006-L.—20th August, 1997.—The following Act of the West Bengal Legislature, having been assented to by the Governor, is hereby published for general information :

West Bengal Act, XIX of 1997

THE NETAJI SUBHAS OPEN UNIVERSITY ACT, 1997

[Passed by the West Bengal Legislature.]

[Assent of the Governor was first published in the *Calcutta Gazette, Extraordinary,* of the 20th August, 1997.]

An Act to establish and incorporate an open university (mukta viswavidyalaya) in the State of West Bengal and to provide for matters connected therewith or incidental thereto.

WHEREAS it is expedient to establish an open university in the State of West Bengal to provide educational opportunities to all those belonging to the backward and weaker sections of society as well as the students who cannot be accommodated in institutions of higher learning owing to socio-economic conditions and other limitations and to promote equality of opportunity for higher education for a large segment of the population, including those who are in employment and women (including housewives), specially in the remote and inaccessible areas, as also adults who wish to upgrade their knowledge in various fields, through correspondence courses, contact programmes, study centres and various forms of mass media, encouraging and providing instruction, teaching, training and research in various branches of learning and courses of study, promoting advancement and dissemination of knowledge and learning and extending higher education to meet the growing needs of society ;

It is hereby enacted in the Forty-eight Year of the Republic of India, by the Legislature of West Bengal, as follows :

CHAPTER I

Preliminary

Short title, extent and commencement.

1. (1) This Act may be called the Netaji Subhas Open University Act, 1997.

(2) It extends to the whole of West Bengal.

(3) This Section and Chapter VII shall come into force at once ; and the remaining provisions of this Act shall come into force on such date or dates as the State Government may by notification appoint, and different dates may be appointed for different provisions of this Act.

Definitions.

2. In this Act, unless the context otherwise requires,—

(1) "Academic Council" means the Academic Council of the University ;

(2) "academic year" means a period of twelve months commencing on the first day of July or such other period of twelve months, commencing on such date, as the Executive Council may specify in respect of all the study centres and courses of study or any particular study centre or course of study ;

(3) "Co-ordinator" means the head of a regional centre ;

(4) "correspondence-cum-contact programme student" means a student enrolled in any one of the study centres ;

(5) "Department" means a department of studies of the University ;

(6) "distance eduction system" means the system of imparting education through correspondence course, broadcasting, telecasting, seminar, contact programme or any other means or combination of means ;

(7) "employee" means any person appointed by the University, and includes Teachers and other employees of the University ;

(8) "Executive Council" means the Executive Council of the University ;

(9) "Finance Committee" means the Finance Committee of the University ;

(10) "Minister" means the Minister-in-Charge of the Higher Education Department of the State Government ;

(11) "non-teaching employee" means the non-teaching employee, not holding any teaching post (including part-time teaching post), appointed or recognized as such by the University ;

(12) "notification" means a notification published in the *Official Gazette* ;

(13) "prescribed" means prescribed by Statutes or Ordinances or Regulations made under this Act ;

(14) "Regional Centre" means a centre established as such by the University, for maintaining records regarding enrolment of students, despatching teaching materials, making arrangements for holding lectures in the classes in Study Centres, and dealing with other allied matters ;

(15) "Regulations" means the Regulations made under this Act ;

(16) "School of Studies" means a School of Studies of the University ;

(17) "State Government" means the Government of West Bengal in the Higher Education Department ;

(18) "Statutes" and "Ordinances" means respectively the Statutes and Ordinances made under this Act ;

(19) "student" means a student of the University, and includes any person who has enrolled himself for pursuing any course of study of the University ;

(20) "Study Centre" means a centre established, maintained or recognised by the University for the purpose of advising or counselling, or for rendering such other assistance in the activities of the University as may be required by the students ;

(21) "Teacher" means a Professor, Associate Professor, Reader, Assistant Professor, Lecturer or such other person as may be designated as such by Statutes for imparting instruction or for giving guidance or rendering assistance of academic nature to students for pursuing any course of study ;

(22) "the University" means the Netaji Subhas Open University as constituted under this Act ;

(23) "University Centre" means the place where the administrative offices of the University are situated.

CHAPTER II

The University

The University.

3. (1) There shall be constituted a University by the name of the Netaji Subhas Open University which shall consist of the Chancellor, the Vice-Chancellor, the Directors, the members of the Executive Council and the members of the Academic Council.

(2) The University shall be a body corporate having perpetual succession and a common seal and shall sue and be sued by the name of the Netaji Subhas Open University.

(3) In all suits and other legal proceedings by or against the University, the pleadings shall be signed and verified by the Registrar and all processes in such suits and proceedings shall be issued to, and served on, the Registrar.

(4) The headquarters of the University shall be located at such place within West Bengal as the State Government may by notification specify.

Objects of the University.

4. The objects of the University shall be,—

(a) to provide opportunities for higher education through (i) correspondence courses, (ii) contact programmes and study centres, and (iii) audio-visual mass-media such as radio and television, presenting special institutional programmes, either live or through cassettes including video cassettes and other softwares ;

(b) to provide opportunities for higher education to men and women (i) being deprived of the benefit of higher education in the normal course owing to socio-economic conditions or other limitations or (ii) being drop-outs or (iii) being brought under the scheme of adult education or (iv) working in homes or engaged in cultivations or employed on factories, offices or schools or engaged in any profession or vacation ;

(c) to organise certificate courses, diploma courses, degree courses, postgraduate courses and research courses for the benefit of the working population in various fields and for the benefit of those who wish to enrich their lives by studying cultural and aesthetic subjects ;

(d) to design and develop distance education programme relevant to the specific needs of the people of the State ;

(e) to design and develop education and training packages to meet the demand for technical and vocational manpower needed for the economic development of the State ;

(f) to establish mechanism through network and other arrangement to share programmes, services, technology and other resources to ensure cost-effectiveness of education and training ;

(g) to make provision for research for innovative course development and for advancement and dissemination of knowledge ;

(h) to collaborate with the Indira Gandhi National Open University established under the Indira Gandhi National Open University Act, 1985, and other open universities in the country in extending educational opportunities to the people, and/or to recognise, or collaborate with, other research institutions in the country for promotion of research activities.

Powers of the University.

5. (1) The University shall have the following powers, namely :—

(i) to provide for instruction is such branches of knowledge, technology, vocations and profession as the University may determine for time to time and to make provision for research ;

(ii) to plan and prescribe courses of study for degrees, diplomas or certificates, or for any other purpose ;

(iii) to hold examinations and confer degrees, diplomas, certificates or other academic distinctions or recognitions on persons who have pursued a course of study or conducted research in the manner laid down by Statutes or Ordinances ;

(iv) to confer honorary degrees or other distinctions in the manner laid down by the Statutes;

(v) to determine the manner in which distance education in relation to the academic programme of the University may be organised ;

(vi) to institute, with the approval of the State Government professorships, readerships, lectureships and other academic positions necessary for imparting instruction or for preparing educational material or for conduction other academic activities, including guidance, designing and delivery of course and evaluation of the work done by the students, and to appoint persons to such professorships, readerships, lecturerships and other academic positions ;

(vii) to co-operate with, and seek the co-operation of, other universities and institutions of higher learning, professional bodies and organisations for such purposes as the University considers necessary ;

(viii) to institute and award fellowships, scholarship, prizes and such other awards for recognition of merit as the University may deem fit ;

(ix) to establish and maintain such Regional Centres as may be determined by the University from time to time ;

(x) to establish, maintain or recognise Study Centres in the manner laid down by Statutes ;

(xi) to provide for the preparation of instructional materials, including films, cassettes, tapes, video cassettes and other softwares ;

(xii) to organise and conduct refresher courses, workshops, seminars and other programmes for teachers, lesson writers, evaluations and other academic staff ;

(xiii) to recognise examinations of, or periods of study (whether in full or part) at, other universities, institutions or other places of higher learning as equivalent to examinations or periods of study in the University, and to withdraw such recognition at any time ;

(xiv) to make provision for research and development in educational technology and related matters ;

(xv) to create, with the approval of the State Government, administrative, ministerial and other necessary posts and to make appointments thereto ;

(xvi) to receive benefaction, donations, and gifts and to acquire, hold, maintain and, with the approval of the State Government dispose of any property, movable or immovable, including trust and Government property, for the purposes of the University ;

(xvii) to borrow, with the approval of the State Government, whether on the security of the property of the University or otherwise, money for the purposes of the University ;

(xviii) to enter into, carry out, vary or cancel contracts ;

(xix) to demand and receive such fees and other charges as may be laid down by the Ordinances ;

(xx) to provide, control and maintain discipline among the students and all categories of employees and to lay down the conditions of service of such employees, including their codes of conduct ;

(xxi) to recognise any institution of higher learning or studies for such purposes as the University may determine and to withdraw such recognition ;

(xxii) to appoint, either on contract or otherwise, visiting Professors, Emeritus Professors, Consultants, fellows, scholars, artists, course writers and such other persons who may contribute to the advancement of the objects of the University ;

(xxiii) to recognise persons working in other universities, institutions or organisations as teachers of the University on such terms and conditions as may be laid down by Ordinances ;

(xxiv) to determine standards and to specify conditions for the admission of students to courses of study of the University which may include examination, evaluation and any other method of testing ;

(xxv) to make arrangements for the promotion of the general health and welfare of the employees ;

(xxvi) to inspect Regional Centres and Study Centres and to take measures to ensure the proper standards of instructions are maintained therein ;

West Ben. Act XXXVII of 1994.

(xxvii) to collaborate and interact with the West Bengal State Council of Higher Education constituted under the West Bengal State Council of Higher Education Act. 1994, other universities, specially the Indira Gandhi National Open University, referred to in clause (h) of section 4, and other open universities in the country, and other educational or research institution and authorities, in such manner and for such purposes as the University may determine ;

(xxviii) to do all such acts as may be necessary or incidental to the exercise of all or any of the powers of the University as are necessary and conductive to the promotion of all or any of the objects of the University.

(2) Notwithstanding anything contained in any other law for the time being in force, but without prejudice to the provisions of sub-section (1), it shall be the duty of the University to take all such steps as it may deem fit for the promotion of the open university and distance education systems and for the determination of standards of teaching, evaluation and research in such systems, and for the purpose of performing this function, the University shall have such powers, including the power to allocate and disburse grants to the Regional Centres or the Study Centres, or to any other univeristy or institution of higher learning, as may be specified by the Statutes.

University open to all classes. castes and creeds.

6. (1) The University shall be open to persons of either sex and of whatever race, creed, caste or class, and it shall not be lawful for the University to adopt or impose on any person any test whatsoever of religious belief or profession in order to entitle him to

be appointed as a Teacher of the University or to hold any other office therein or admitted as a student in the University, or to graduate thereat, or to enjoy or exercise any privilege thereof.

(2) Nothing in sub-section (1) shall be deemed to prevent the University from making any special provision for the appointment or admission of women or of persons belonging to the weaker sections of the society, and, in particular, of persons belonging to the Scheduled Castes or Scheduled Tribes.

Inspection and inquiry.

7. (1) The State Government shall have the right to cause an inspection to be made by any person, not below the rank of Joint Secretary to the Government of West Bengal or Registrar or Professor of a university, or by a committe of not less than two persons, not below the rank of Joint Secretary to the Government of West Bengal or Registrar or Professor of a university, into its buildings, laboratories, libraries, museums, workshops and equipment or of any Regional Centre or Study Centre maintained by the University. The State Government shall have also the right to cause an inquiry to be made into the teaching and other work conducted or done by the University by such person or group of persons as the State Government deems fit. The State Government shall, in every such case, give notice to the University of its intention to cause such inspection or inquiry to be made, and the University shall be entitled to represent its case.

(2) The State Government shall forward to the Vice-Chancellor a copy of the inspection report for obtaining the views of the Executive Council and, on receipt of such views, may give such advice as it consider necessary and fix a time-limit for action to be takn thereon by the University.

(3) The Executive Council shall, within such time as the State Government may fix, report to that Government through the Vice-Chancellor the action which has been taken or is proposed to be taken on the advice as aforesaid.

(4) The State Government may, where action has not been taken by the University to the satisfaction of that Government within the time fixed, after considering the explanation, if any, furnished, or the representation made, by the Executive Council, issue such directions as it may think fit, and the University shall comply with such directions. If the University does not comply with such directions within such time as the State Government may specify, that Government may take such further action as it may consider necessary.

CHAPTER III

Chancellor and other officers of the University

The Chancellor.

8. (1) The Governor of the State of West Bengal shall, by virtue of his office, be the Chancellor of the University.

(2) The Chancellor shall exercise such powers as may be conferred on him by or under the provisions of this Act or the Statutes or the Ordinances.

(3) Where power is conferred upon the Chancellor to make nominations to any authority or body of the University, the Chancellor shall, to the extent necessary, nominate persons to represent interests not otherwise adequately represented.

(4) Every proposal to confer any honorary degree shall be subject to confirmation by the Chancellor.

Officers of the University.

9. The following shall be the officers of the University :

(1) the Vice-Chancellor ;

(2) the Registrar ;

(3) the Directors ;

(4) the Finance Officer ;

(5) such other persons as may be declared by Statues to be the officers of the University.

The Vice-Chancellor.

10. (1) The Vice-Chancellor shall be appointed by the Chancellor in consultation with the Minister from a panel of not less than three persons recommended by a committee consisting of three members of whom two shall be nominated by the Executive Council and one shall be nominated by the Chancellor. The person nominated by the Chancellor shall be the convenor of the committee, provided that no person who is an employee of the University or of any Regional Centre or Study Centre or a member any authority of the University, shall be nominated to be a member of the committee.

(2) (a) The Vice-Chancellor shall hold office for a term of four years or till he attains the age of 65 years, whicheveris earlier, and shall be eligible for re-appointment for another term of four years or till he attains the age of 65 years, whichever is earlier.

(b) The Chancellor may, notwithstanding the expiration of the term of the office of the Vice-Chancellor or his attaining the age of 65 years, allow him to continue in office till a successor assumes office, provided that he shall not continue as such for any period exceeding six months.

(3) The Vice-Chancellor shall be a whole-time officer of the University and shall be paid form the University Fund such salary and allowances at the Chancellor may decide in consultation with the State Government.

(4) The Vice-Chancellor may resign his office by writing under his hand addressed to the Chancellor.

(5) If—

(a) the Vice-Chancellor is, by reasons of leave, illness or other cause, temporarily unable to exercise the powers and perform the duties of his office, or

(b) a vacancy occurs in the office of the Vice-Chancellor by reason of death, resignation or expiry of the term of his office or otherwise.

then, during the period of such temporary inability or pending the appointment of a Vice-Chancellor, as the case may be, the Chancellor may authorise, in consultation with the Minister, any person to exercise the powers and perform the duties of the Vice-Chancellor.

(6) The vacancy in the office of the Vice-Chancellor occurring by reason of death, resignation or expiry of the term of his office or otherwise shall be filled up by appointment of a Vice-Chancellor in accordanc with the provisions of sub-section (1) within a period of six months from the date of occurrence of the vacancy, and such period shall be held to include any period for which a Vic-Chancellor is allowed to continue in office under clause (b) of sub-section (2) or a person is appointed to exercise the powers and perform the duties of the Vice-Chancellor under clause (b) of sub-section (5).

Powers and duties of the Vice-Chancellor.

11. (1) The Vice-Chancellor shall be the principal executive and academic officer of the University and shall, by virtue of his office, be a member and the Chairman of the Executive Council and the Academic Council and also the Chairman of any other authority or body of the University of which he may be a member. He shall also be entitled to be present at and to address any meeting of any other authority or body of the University of which he may not be a member, but shall not be entitled to vote threat.

(2) The Vice-Chancellor shall have the power to convene meetings of the Executive Council and of any other authority or body of the University.

(3) It shall be the duty of the Vice-Chancellor to ensure that the provisions of this Act, and the Statutes, the Ordinances and the Regulations are faithfully observed, and to take such action as may be necessary for this purpose.

(4) The Vice-Chancellor shall have the power to exercise general control and supervision over all other officers of the University and over all Teachers and other employees of the University and generally over all the affairs of the University.

(5) The Vice-Chancellor shall exercise such other powers and discharge such other duties as may be delegated to him by any authority or body of the University or as may be prescribed by Statutes, Ordinances or Regulations.

(6) The Vice-Chancellor may take on behalf of the University such action as he may deem expedient in any matter which, in his opinion, is either urgent or of an emergent nature and shall report the same for confirmation at the next meeting to the authority or body which, in the ordinary course, would have dealt with the matter :

Provided that if the action taken by the Vice-Chancellor is not approved by the authority or body concerned, the matter shall immediately be referred to the Executive Council, if the authority or body concerned is other than the Executive Council, or to the Chancellor, if the authority or body concerned is the Executive Council. The decision of the Chancellor or the Executive Council, as the case may be, shall be final.

(7) The Vice-Chancellor may, subject to the prior approval of the Executive Council, delegate any of his powers to any other officer subordinate to him.

The Directors.

12. Every Director shall be appointed in such manner, on such emoluments and other conditions of service, and shall exercise such powers and perform such functions, as may be prescribed by Statutes.

The Registrar.

13. (1) The Registrar shall be appointed in such manner, on such emoluments and other conditions of service as may be prescribed by Statutes.

(2) The Registrar shall exercise such powers and perform such functions as may be prescribed by Statues.

The Finance Officer.

14. The Finance Officer shall be appointed in such manner and on such emoluments and other conditions of service, and shall exercise such powers and perform such functions, as may be prescribed by Statutes.

Other Officers.

15. The manner of appointment, emoluments, powers and duties of the other officers of the University shall be prescribed by Statues.

CHAPTER IV

Authorities of the University

Authorities of the University.

16. The following shall be the authorities of the University :

(1) the Executive Council ;

(2) the Academic Council ;

(3) the School of Studies ;

(4) the Finance Committee ; and

(5) such other authorities as may be declared by the Statutes to be the authorities of the University.

The Executive Council.

17. (1) The Executive Council shall be the principal executive body of the University.

(2) The constitution of the Executive Council, the term of office of its members and its powers and functions shall be prescribed by Statutes.

The Academic Council.

18. (1) The Academic Council shall be the principal academic body of the University and shall, subject to the provisions of this Act, the Statutes and the Ordinances, have the control and general regulation of, and be responsible for, the maintenance of standards of learning, education, instruction, valuation and examination within the University and shall

exercise such other powers and perform such other functions as may be conferred or imposed upon it by the Statutes.

(2) The constitution of the Academic Council and the term of office of its members shall be prescribed by Statutes.

The School of Studies.

19. (1) There shall be such number of Schools of Studies as the University may determine from time to time.

(2) The constitution, powers and functions of the School of Studies shall be prescribed by Statutes.

The Finance Committee.

20. The constitution, powers and functions of the Finance Committee shall be prescribed by Statues.

Other authorities.

21. The constitution, powers and functions of the other authorities which may be declared by the Status to be the authorities of the University shall be prescribed by Statues.

Cessation of membership in certain cases..

22. When a person is qualified to be a member of any authority or body of the University by virtue of his membership of any other authority or body or by virtue of any profession, he shall cease to be a member of the authority or body of the University when he ceases to be a member of the other or to be engaged in that profession.

Filling of casual vacancies.

23. Any casual vacancy among the members (other than *ex officio* members) of any authority or body of the University shall be filled, as soon as may be, by the person or body who appoints, elects or co-opts. the member whose place has become vacant, and any person so appointed, elected or co-opted to fill a casual vacancy shall be a member of such authority or body for the unexpired portion of the term for which the person whose place he fills would have been a member.

Disputes as to the constitution of the University authorities and bodies.

24. If any question arises as to whether any person has been duly elected or appointed as, or is entitled to be, a member of any authority or other body of the Universtiy, the matter shall be referred to the Chancellor whose decision thereon shall be final.

Proceedings of the University authorities or bodies not invalidated by vacancies.

25. No act or proceedings of any authority or body of the Universtiy shall be invalidated merely by reason of the existence of any vacancy or vacancies among its members.

CHAPTER V

University funds etc.

General fund.

26. The University shall have a general fund to which shall be credited—

(a) its income including the fees and endowments ;

(b) contributions or grants which may be made by the Government on such conditions as it may impose ; and

(c) other contributions or grants or loans raised.

Other funds.

27. The University shall have such other funds and maintain such accounts as the Executive Council may determine on the recommendation of the Finance Committee, provided that the University shall not divert and invest any portion of any grant given to it by the State Government in any form or divert it to any fund other than the general fund without the prior approval of the State Government.

Power to accept funds from Government or to raise loans.

28. The University may accept funds from the Government of India or the State Government or the Government of other States in India or the University Grants Commission established under the University Grants Commission Act, 1956, or other universities or

3 of 1956.

recognised institutions and may, with the approval of the State Government, raise loans from other sources.

Diversion of funds, upgradation of posts, etc.

29. The University shall not, without the prior approval of the State Government or in contravention of the provisions of this Act, divert fund, earmarked for one purpose, for any other purpose or upgrade any post or revise the scales of pay of its officers and other employees or implement any scheme which involves the contribution from the State Government or create any post or posts resulting in, either immediately or in future, a recurring liability on the State Government. The University shall not also fill up any post, by whatever name called, without first creating it with the prior approval of the State Government.

Control of expenditure.

30. (1) The budget of the University showing the receipt and expenditure of the University on different accounts for a financial year shall be submitted to the State Government for approval at least four months before the beginning of such financial year.

(2) The State Government shall, within three months of commencement of the financial year to which the budget relates, communicate its approval or otherwise of the budget to the University.

(3) The State Government may, from time to time, release grants to the University on its request.

(4) Notwithstanding anything to the contrary contained in this Act, the University shall not, except with the prior approval of the State Government, incur any expenditure on any account in excess of the amount specified in the budget on that account.

Annual Accounts and Audit.

31. (1) The Annual Statement of Accounts of the University shall, after examination by the Executive Council, be subjected to such audit as the State Government may direct.

(2) Such annual Statement of Accounts shall, together with the copies of the audit report thereon, be considered by the Executive Council. A copy of the Annual Statement of Accounts and a copy of the audit report thereon shall be submitted to the Chancellor along with the views of the Executive Council. Any observation of the Chancellor and the State Government shall be considered by the Executive Council at a meeting and the Executive Council shall take such corrective action as it thinks fit.

(3) The University shall have a continuous internal audit, and the report of such audit shall be submitted to the State Government as soon as possible after the end of every financial year.

(4) The Chancellor or the State Government may require the University to supply to him or that Government as the case may be, any information in regard to the accounts and the budget and any other information and the University shall comply with such requisition.

Letter of appointment of employees.

32. (1) Every employee of the University shall be appointed under a written contract and shall be provided with a letter of appointment containing the terms and conditions of his appointment.

(2) Any dispute arising out of a contract between the University and any employee may, at the request of the employee, be referred by the Vice-Chancellor to a Tribunal which shall consist of one member nominated by the Executive Council, one member nominated by the employee concerned and one member nominated by the Chancellor. The member nominated by the Chancellor shall be the Chairman of the Tribunal.

Appeal against order or Vice-Chancellor or Discipline Committee etc.

33. Any student or candidate for an examination whose name has been removed from the rolls of the University by the order of the Vice-Chancellor or by a resolution of the Discipline Committee or the Examination Committee as may be formed, as the case may

be, and who has debarred from appearing at the examinations of the University for more than one year, may, within ten days of the date of communication of such orders or copy of such resolution to him, appeal to the Executive Council, and the Executive Council may confirm, modify or reverse the decision of Vice-Chancellor or the Discipline Committee, as the case may be.

Appeal against the decision of an officer or authority.

34. Every employee or student of the University shall, notwithstanding anything contained in this Act, have a right to appeal, within such time as may be prescribed by Statutes, to the Executive Council against the decision of any officer or authority of the University and, thereupon, the Executive Council may confirm, modify or reverse the decision appealed against the procedure for settlement of such dispute shall be prescribed by Statute.

Pension, provident fund, etc.

35. The pension, provident fund and any other terminal benefit to the Officers, Teachers and other employees of the University shall be such as may by decided by the University with the prior approval of the State Government :

Provided that any provident fund instituted by the University for the benefit of its Officers, Teachers and other employees shall be governed by the provisions of the Provident Funds Act, 1925, as if such fund were a Government Provident Fund, and the Executive Council shall have the power to make Statutes, not inconsistent with the provisions of this Act, for the administration of the fund.

Protection of action taken in good faith.

36. No suit or other legal proceedings shall lie against any Teacher or other non-teaching employee of the University for anything which is in good faith done or intended to be done in pursuance of any of the provisions of this Act or the Statutes or the Ordinances.

CHAPTER VI

Statutes, Ordinances and Regulations

Statutes.

37. Subject to the Provisions of this Act, the Executive Council shall have the power to make Statutes for all or any of the following matters :

(a) the manner of appointment of the Vice-Chancellor, the term of his appointment, the emoluments and other conditions of his service and the powers and functions that may be exercised and performed by him so far as these have not been provided in the Act ;

(b) the manner of the appointment of the Directors, the Registrar, the Finance Officer and other Officers, the emoluments and other conditions of their service and the powers and functions that may be exercised and performed by each of them ;

(c) the constitution of the Executive Council and other authorities of the University, the terms of office of the members of such authorities and the powers and functions that may be exercised and performed by such authorities ;

(d) the appointment of Teachers and other employees of the University, their emoluments and other conditions of service and qualifications for their appointment ;

(e) the pension or provident fund for the benefit of the employees of the University ;

(f) the principles governing the seniority of service of the employees of the University ;

(g) the procedure in relation to any appeal or application for review by any employee or student of the University against the action of any officer or

authority of the University, including the time within which such appeal or applications for review shall be preferred or made ;

(h) the procedure for the settlement of disputes between the employees or students of the University and the University ;

(i) the co-ordination and determination of standards of education of the University and distance education systems the allocation and disbursement of grants of Regional Centres and Study Centres, and co-ordination between the University and other universities and institutions ;

(j) the conditions required to be fulfilled by a Study Centre for admission to the privileges of the University ;

(k) the rules and procedure for election to the Executive Council and other authorities or bodies of the University ;

(l) all other matters which under this Act are required to be or may be prescribed by Statutes.

How to make Statutes.

38. (1) The Executive Council may consider the draft of any Statute. The draft shall be passed by the Executive Council. The Executive Council may make such amendment in the draft as it may deem fit before it is finally passed.

(2) A Statute passed in the manner provided in sub-section (1) shall be presented to the Chancellor for assent and shall come into force on being assented to by the Chancellor on the recommendation of the Minister, provided that the Chancellor may withhold assent to the Statute or remit the Statute to the Executive Council for reconsideration in the light of the observation, if any, made by him.

(3) A Statute shall remain in force until repealed or amended by a new Statute similarly passed and assented to by the Chancellor on the recommendation of the Minister.

(4) The Chancellor or the State Government may advise the University to adopt a new Statute or to amend an existing Statute.

Ordinances.

39. (1) The Academic Council shall have the power to make, subject to the provisions of this Act and the Statutes, Ordinances which may provide for all or any of the following matters :

(a) the admission of students in the University ;

(b) imposition and collection of fees fines and other dues payable to the University ;

(c) prescribing the equivalence of examinations, degrees and diplomas of other universities and institutions ;

(d) the courses of study, the examinations to be held, and the conditions on which students shall be admitted to examinations for any degree, diploma, certificate or title of the University ;

(e) the grant of exemptions ;

(f) the appointment, duties and remuneration of examiners ;

(g) the recognition of libraries and museums ;

and all other matters which under this Act or the Statutes are required to be or may be prescribed by Ordinances.

(2) All ordinances shall be submitted, as soon as my be to the Executive Council for approval. If the Executive Council rejects or amends the draft of any Ordinance, it may refer it back to the Academic Council for reconsideration.

(3) An Ordinance shall be deemed to be passed by the Executive Council if it is approved by a majority vote.

(4) An Ordinance passed in the manner as provided in sub-section (3) shall be presented to the Chancellor for assent and, on its being assented to by the Chancellor in consultation with the Minister, shall come into force with effect from such date as the Chancellor may direct, provided that the Chancellor may withhold assent to the Ordinance or remit the Ordinance to the Executive Council for reconsideration in the light of the observations, if any, made by him.

(5) The Chancellor shall have the power to cancel or modify any Ordinances.

Regulations.

40. The authorities of the University may make regulations consistent with the provisions of this Act, the Statute and the Ordinances for the conduct of their own business and that of the committees, if any, appointed by them and not provided for in this Act or the Statutes or the Ordinances.

CHAPTER VII

Transitory provisions

The First Chancellor.

41. (1) The Governor of West Bengal holding Office at the date of publication of this Act in the *Official Gazette* shall be the first Chancellor of the University.

(2) The first Chancellor shall exercise all the powers conferred on the Chancellor by or under this Act. For the first constitution of the Executive Council, the Academic Council and other authorities of the University, the first Chancellor shall nominate members thereof in accordance with the provisions of this Act.

First Vice-Chancellor.

42. (1) Notwithstanding anything contained in this Act, the first Vice-Chancellor shall be appointed by the first Chancellor in consultation with the Minister and on such terms and conditions as the first Chancellor may determine in consultation with the State Government, within three months from the date of publication of this Act in the *Official Gazette*. He shall hold office for such period as may be determined by the first Chancellor from time to time and such period shall, in no case, exceed four years from the date on which he assumes office. The first Vice-Chancellor shall exercise all the powers and perform all the duties of the Vice-Chancellor under this Act.. He shall also be in charge of the administration of funds and finances of the University and shall take necessary steps to maintain the accounts of the University.

(2) The first Vice-Chancellor, in consultation with the State Government and after giving due regard to any suggestion given by it, shall, with the assistance of a committee consisting of not less than six members nominated by the State Government, cause the first Statutes, the first Ordinances and the first Regulations of the University to be made.The first Statutes, the first Ordinances and the first Regulations shall come into force after the first Chancellor has approved the same in consultation with the Minister, with effect from such date or dates as the first Chancellor may appoint.

(3) The first Statutes, the first Ordinances or the first Regulations of the University shall remain in force until they are amended or until new Statutes, new Ordinances or new Regulations, as the case may be, are made under the provision of this Act.

(4) If a vacancy occurs in the office of the first Vice-Chancellor before the expiry of the period of his office by reason of death, resignation or otherwise, then, the first Chancellor, in consultation with the Minister, may, on the terms and conditions provided in sub-section (1), in aggregate appoint another person to be the first Vice-Chancellor for the purposes of this section for the unexpired portion of such period or such further period, not exceeding in aggregate the period of four years which shall include the period served by the first Vice-Chancellor appointed under sub-section (1).

Advisory Committee.

43. (1) There shall be an Advisory Committee to be constituted by the State Government of which the first Vice-Chancellor shall be the Chairman.

(2) The Advisory Committee shall consist of the following members—

(a) the first Vice-Chancellor—Chairman ;

(b) the Secretary, Higher Education Department, Government of West Bengal, or his nominee not below the rank of Deputy Secretary of the Government of West Bengal ;

(c) the Secretary, Finance Department, Government of West Bengal, or his nominee not below the rank of Deputy Secretary to the Government of West Bengal ;

(d) five Teachers of which three shall be Professors or Readers of Universities and two shall be Teachers of affiliated Colleges, nominated by the State Government in consultation with the first Vice-Chancellor ;

(e) two persons, conversant with University administration, nominated by the first Chancellor in consultation with the Minister.

(3) The function of the Advisory Committee shall be to assist and advise the Chairman of the Committee—

(a) in drafting a plan for implementation of the programme of the University for the purposes of this Act ;

(b) in selecting sites of the University, Regional Centre and Study Centres and making necessary arrangements for securing the accommodation, furniture and equipments and such other things as are deemed necessary ;

(c) in formulating, with the approval of the State Government, the final staff pattern (both teaching and non-teaching) of the University, Regional Centres and Study Centres and in prescribing the qualifications for recruitment of such staff ;

(d) in preparing the programme of the teaching activities of the University consisting of—

(i) the preparation of syllabi of different courses of study ;

(ii) the determination of the method of operation of contact programmes and audiovisual mass media ;

(iii) the preparation of teaching materials conforming to different stages of the academic programme ;

(iv) the preparation of written lessons of practical works at home and also lessons for homework ;

(v) the making of arrangement for writing textbooks if ncessary ;

(vi) the prescribing of the equivalence of examinations, degrees and diplomas of other universities and institutions and other such allied and ancillary matters.

(4) The Advisory Committee shall examine the annual accounts of the University.

(5) In the case of any difference of opinion between the Chairman and the members of the Advisory Committee, the matter shall be referred to the first Chancellor whose decision shall be final.

Temporary posts of the University

44. For the purposes of clause (d) of sub-section (3) of section 43, the University shall have the following temporary posts, and the Vice-Chancellor shall appoint persons to such posts on the recommendation of the Selection Committee to be constituted with the approval of the State Government :

(a) as many posts of Director (to be filled up by academicians in the rank of Professors) as there are Schools of Studies :

Provided that on Director may be appointed for more than one School of Studies, and

(b) two posts of expert lesson-writer—one in the rank of Reader and the other in the rank of Lecturer—for each subject to be taught under the concerned faculty :

Provided that the persons appointed to the posts mentioned in clauses (a) and (b) shall be in service on the basis of contract to be renewed from time to time :

Provided further that the absorption of such persons in permanent posts to be created by the University with the concurrence of the State Government under the provisions of this Act shall be subject to their being selected by the Selection Committee to be constituted for the purpose by Statutes.

Panel of Advisers.

45. The Advisory Committee shall prepare a panel or panels of advisers, who are specialists in the subjects to be taught.

Interim Board of Studies.

46. (1) The Advisory Committee shall constitute an Interim Board of Studies in each subject under the respective School of Studies. The Interim Board of Studies shall consists of the following members :

(a) the Vice-Chancellor—Chairman ;

(b) the concerned Director—Vice-Chairman ;

(c) the concerned Reader and the concerned Lecturer, who are lesson-writers ;

(d) two Teachers of Universitites or Colleges who are experts in the subject, selected by the Vice-Chancellor ;

(e) specialist or specialists in the concerned subject from the panel of advisers prepared under section 45, selected by the Advisory Committee.

(2) The Interim Board of Studies shall prescribe the syllabus and course content of each subject, formulate the teaching programme and decide the teaching aids, and shall function till the Schools of Studies are constituted and commence functioning.

Lessons.

47 The lessons shall be written by the concerned Readers and Lecturers appointed under clause (b) of section 44 following the guidelines to be provided by the respective Interim Board of Studies and shall be scrutinised by the Director concerned and finally approved by the Advisory Committee.

Sub-Committee.

48. The Advisory Committee may constitute a Sub-Committee for the purpose of carrying out its functions.

Expenses to be met from University fund.

49. All expenses towards the holding of the meetings of the Advisory Committee, Sub-Committee and Interim Board of Studies and all other incidental expenses, including the remuneration to be paid, shall be met from the University fund.

Annual Accounts and Audit.

50. (1) The Annual Statement of Accounts of the University shall, after examination by the Advisory Committee, be subjected to such audit as the State Government may direct.

(2) Such Annual Statement of Accounts shall, together with the copies of the audit report thereon, be submitted to the State Government, and the State Government may, thereupon, take such action as it deems fit.

Appointment of staff.

51. The first Vice-Chancellor may, subject to the approval of the State Government, appoint such administrative, clerical and other staff (including technical staff) as it deems necessary for giving effect to the provisions of this Chapter. If necessary, such posts may be filled up by persons on the basis of contract to be renewed from time to time. On and

from the date appointed under section 54, such posts shall stand abolished unless they fit in with the general staff pattern formulated with the approval of the State Government. For their absorption in regular posts, the incumbents shall have to appear before the Selection Committee to be constituted for the purpose with the approval of the State Government.

Filling up of vacancies in the Advisory Committee etc.

52. The vacancy in the office of a mmber of the Advisory Committee occurring by reason of death, resignation or otherwise shall be filled up by the State Government in consultation with the first Vice-Chancellor, and the vacancy in the office of a member of any Sub-Committee or Interim Board of Studies or panel of advisers occurring by reason of death, resignation or otherwise shall be filled up by the first Vice-Chancellor in consultation with the Advisory Committee.

Validation.

53. No act or proceedings of the Advisory Committee or any Sub-Committee or Interim Board of Studies shall be invalid merely by reason of the existence of any vacancy or vacancies among its members.

Appointment of date on which the Excutive Council etc. shall commence to perform their functions.

54. The State Government shall by notification appoint a date and on and from such date the Executive Council, the Academic Council, other authorities of the University, the Regional Centres and the Study Centres shall commence to perform their respective functions and the first Statutes the first ordinances and the first Regulations of the University made under sub-section (2) of section 42 shall be deemed to be the first Statutes, the first Ordinances and the Regulations of the University made under section 38, section 39 and section 40 respectively.

Dissolution of Advisory Committee etc.

55. One and from the date referred to in section 54, the provisions of sections 43, 45, 46, 47, 48, 52 and 53 shall stand repealed and, thereupon, the Advisory Committee, the panels of advisers, the Interim Board of Studies, and the Sub-Committees constituted by the Advisory Committee shall stand dissolved, and the members thereof or the advisers, al the case may be, shall be deemed to have vacated their respective offices.

Savings.

56. Notwithstanding anything contained in section 55, anything done or deemed to have been done or any action taken or deemed to have been taken or any appointment made under this Act prior to the data referred to in section 54 shall, unless it is otherwise provided in this Act, be deemed to have been validly done or taken or made under this Act.

Removal of difficulties.

57. (1) If, by reason of any provision of this Act, any difficulty arises in giving effect to the provisions of this Chapter, the first Vice-Chancellor as Chairman of the Advisory Committee shall refer such difficulty to the State Government which may make such order or do such thing, not inconsistent with the provisions of this Chapter, as appears to it to be necessary or expedient for removing the difficulty.

(2) If, on account of any lacuna or omission in the provisions of this Act, or for any other reason whatsoever, any difficulty arises as to the first constitution of any authority of the University under this Act, or otherwise in giving effect to the provisions of this Act, the State Government may, as occasion may require, by order do anything which appears to it to be necessary for the purpose of removing the difficulty notwithstanding anything to the contrary contained elsewhere in this Act or in any other law for the time being in force.

By order of the Governor,

S. MAITRA,
Special Officer & ex-officio
Jt. Secy. to the Govt. of West Bengal

WEST BENGAL UNIVERSITY OF ANIMAL AND FISHERY SCIENCES

Venue : 37 & 68, Kshudiram Bose Sarani, Belgachia, Calcutta-700 037
Year of establishment : 2-1-1995
Phone : 556-5021
(Under the West Bengal University of Animal Science and Fishery Sciences Act, 1995)

FACULTIES

Faculty of Veterinary and Animal Sciences,
Faculty of Dairy Technology,
Faculty of Fishery Sciences.
(Faculties located at Mohanpur and Kulia, Nadia).

DEGREE	SEATS	DURATION
1. (a) Bachelor of Veterinary Science (B. V. Sc. & A. H.) and Animal Husbandry	102	5 years integrated course with 6 months internship training.
(b) M. V. Sc. & A. H.	108	2 years (course credit-system)
(c) Ph. D.	29	-do-
2. (a) B. Tech. (D. T.)	31	4 years integrated course including 6 months inplant training.
(b) M. Tech. (D.T.)/M.Sc. (Dairying)	27	2 years—Course credit system.
(c) Ph. D.	6	-do-
3. B. F. S. C.	31	4 years integrated course including 6 months farm-house training.

INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR, MIDNAPORE

Main Campus at Kharagpur, Dist. Midnapore

No. of Departmnt/Centre—22

		DURATION
(UG & PG section)	(i) B. Tech. (Hons.)	— 8 Semester
	(ii) B. Arch. (Hons.)	— 10 Semester
	(iii) M. Sc.	— 10 Semester
	(iv) M. Tech.	— 3 Semester
Research Programme—Ph. D.	(i) B. Tech./M. Sc.	— 3 Years minimum
	(ii) M. Tech.	— 2 Years

COURSES

DEPARTMENT	B. TECH.	M. TECH.
• Aerospace Engineering	• Aerospace Engineering	• Aerospace Engineering
• Agricultural & Food Engg.	• Agricultural Engineering	• Farm Machinery & Power
		• Soil & Water Conservation Engg.
		• Dairy & Food Engineering
		• Applied Botany
		• Water Resource Development & Management
		• Acquacultural Engineering
		• Agricultural Systems & Management

DEPARTMENT	B. TECH.	M. TECH.
• Architecture & Regional Planning	• Architecture	• Master of City Planning
• Chemical Engineering	• Chemical Engineering/ Bio-technology	• Chemical Engineering, Bio-Technology & Engineering
• Chemistry	• Chemistry	• Chemistry
• Civil Engineering	• Civil Engineering	• Water Resource Engineering • Transportation Engineering • Environmental Engineering • Soil Mechanics & Foundation Engg. • Structural Engineering
• Cryogenic Engineering	—	• Cryogenic Engineering
• Computer Science Engineering	• Computer Science & Engineering	—
• Electrical Engineering	• Electrical Engineering/Energy Engineering, Instrumentation Engineering	• Machine Drives & Power Electronics • Control System Engineering • Power System Engineering • Instrumentation
• Electronics & Electrical Communication Engineering	• Electronics & Electrical Communication Engineering	• Automation and Computer Vision • Computer Engineering • Fibre Optics & Lightwave Engineering • Integrated Circuits and Systems Engg. • Microwave Engineering • Telecommunication System Engg.
• Humanities & Social Sciences	—	• Human Resource Dev. & Management
• Industrial Engineering & Management	• Industrial Engineering	• Industrial Engineering & Management
• Materials Science Centre	—	• Materials Science & Engineering
• Geology & Geophysics	• Exploration Geophysics • Mathematics	• Applied Geology • Mathematics • Computer Science & Data Processing
• Mechanical Engineering	• Mechanical Engineering • Manufacturing Sc. & Engg.	• Manufacturing Process Engineering • Thermal Energy & Environmental Engg. • Mechanical Systems Design • Manufacturing Systems Engineering • Mechanical Handling & Automation • Precision & Quality Engineering • Mechanical System, Dynamics and Control
• Metallurgical & Material Engg.	• Metallurgical Engineering	• Metallurgical Engineering
• Mining Engineering	• Mining Engineering	• Mining Engineering
• Ocean Engg., Naval Architecture	• Naval Architecture	• Ocean Engineering
• Physics & Meteorology		• Physics • Atmospheric Science & Technology • Solid State Technology
• Rubber Technology		• Rubber Technology
• Rural Development		• Only Research Programmes

The Indian Institute of Technology is one of five institutes of technology and one of the premier institutions of the country. It is engaged in research programmes of various types related to the twenty-two departments and wholly financed by the MHRD, New Delhi.

ENROLMENT

DIFFERNENT COURSES	GENRAL		S.C.		S.T	
	Boys	Girls	Boys	Girls	Boys	Girls
AE	19	—	01	—	—	—
AG	17	—	01	—	—	—
CH	30	—	01	—	—	—
CE	27	01	—	—	—	—
CS	25	03	05	—	—	—
EE	30	02	04	01	—	—
EG	13	01	—	—	—	—
IN	16	—	—	—	—	—
EC	27	—	04	—	01	—
MF	16	—	01	—	—	—
ME	39	01	01	—	—	—
MT	19	02	—	—	—	—
MI	23	—	—	—	—	—
NA	18	—	—	—	—	—
IE	17	01	—	—	—	—
AR	12	02	—	—	—	—
CY	12	02	—	—	—	—
ExGe	09	02	—	—	—	—
ApGe	11	01	—	—	—	—
MA	15	01	—	—	—	—
PH	18	02	—	—	—	—
BT	09	01	01	—	01	—

TEACHERS AS ON 1-1-1995

	GENERAL	S.C.	S.T.
Men	448	1	—
Women	15	—	—

BRAIN DRAIN DATA

INDIAN STUDENTS GOING ABROAD—ANNUAL OUTFLOW STATE-WISE, SEX-WISE & SUBJECT-WISE—1992-93

SL. No.	State/U. Ts.	Arts		Science		Education		Engineering		Arch. & Desining		Tech. & Industry		Medicine/Pharmacy		Den. & Vet. Sci.		Agr. & Foresty	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1.	Andhra Pradesh	11	7	451	52	—	—	840	76	5	5	30	3	48	11	—	—	28	3
2.	Arunachal Pradesh	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
3.	Assam	—	1	2	—	—	—	4	1	—	—	—	—	4	1	—	—	—	—
4.	Bihar	—	—	—	—	—	—	15	1	1	—	1	—	13	2	—	—	—	—
5.	Goa	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6.	Gujarat	1	2	20	1	—	—	77	4	1	1	4	2	20	2	—	—	—	1
7.	Haryana	2	—	4	1	—	—	9	—	—	—	1	—	6	3	—	—	—	—
8.	Himachal Pradesh	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—
9.	Jammu & Kashmir	1	—	—	—	—	—	4	—	1	—	1	—	1	—	—	—	—	—
10.	Karnataka	5	12	147	38	—	—	366	31	10	4	10	4	31	1	1	—	6	2
11.	Kerala	—	1	23	5	—	—	40	5	2	—	1	—	2	1	—	—	—	—
12.	Madhya Pradesh	—	—	5	1	—	—	5	—	—	—	—	—	3	—	—	—	—	—
13.	Maharashtra	22	20	222	54	—	—	270	23	14	9	24	3	67	32	—	—	5	1
14.	Manipur	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15.	Meghalaya	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16.	Mizoram	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17.	Nagaland	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18.	Orissa	—	1	1	—		—	3	—	—	—	—	—	—	—	—	—	—	—
19.	Punjab	3	1	4	3	—	—	15	2	—	2	—	—	10	9	—	—	—	—
20.	Rajasthan	1	4	8	—	—	—	6	—	—	1	—	—	7	—	—	—	—	—
21.	Sikkim	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
22.	Tamil Nadu	15	13	172	33	—	—	310	27	8	1	12	1	56	18	—	—	10	1
23.	Tripura	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24.	Uttar Pradesh	2	—	14	5	—	—	42	1	1	—	5	—	9	3	—	—	1	—
25.	West Bengal	20	11	54	23	—	—	73	4	1	1	5	2	19	5	—	—	1	1
26.	A. & N. Island	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27.	Chandigarh	—	—	2	—	—	—	6	—	2	—	—	1	2	—	—	—	—	—
28.	Dadra & Nagar Haveli	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29.	Daman & Diu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30.	Delhi	17	18	79	22	—	—	105	15	7	3	4	1	43	18	—	—	6	—
31	Lakshadweep	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
32.	Pondichery	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Total	100	91	1209	238	1	—	2190	190	53	27	98	17	342	106	1	—	57	9

CHAPTER – VI

IGNOU AND OTHER UNIVERSITIES

- IGNOU
- Institutes of Importance
- Other Universities in West Bengal
- Correspondence Courses in Universities
- Visva–Bharati

CHAPTER – VI

IGNOU

Indira Gandhi National Open University

1a A NEW CONCEPT

The concept of an open university is an important innovation of this century. It aims to bring about revolutionary changes in the system of learning through DISTANCE EDUCATION. Here you have the freedom to start a programme, to go at your own pace and stop learning activities whenever you want to. It makes life-long learning a reality.

Open University today is a global phenomenon. The first Open University (UKOU) was established in England in 1969. Sixteen years later i.e., in 1985, IGNOU was established by an Act of Parliament to achieve the following objectives :

To democratise higher education by taking it to the doorsteps of the students.

To provide access to high quality education to all those who seek it irrespective of age, religion or formal qualification.

To offer need based academic programmes by giving professional and vocational orientation to the courses.

To promote and develop DISTANCE EDUCATION in India.

To set and maintain standards in DISTANCE EDUCATION in the country as an apex body.

1b DISTANCE EDUCATION AND OPEN LEARNING

Distance Education does not boast a long lineage in the history of Indian education. It was not an influential form of learning until Open University emerged in this field. Therefore, it was not unusual that an older term like Correspondence Education is often mistakenly used instead of Distance Education.

The distinction between Correspondence Education and Distance Education lies in their aims, methods and orientation. Correspondence Education is in a way an extension of conventional education. Distance Education aims at varied goals. These include personal growth, training for better job prospects and job enhancement, a change in attitude, etc., in addition to imparting knowledge. Distance Education also employs a multimedia learning package including the teacher contact. It is characterised essentially by the advanced learning strategies effected by modern communication technology ; Correspondence Education, on the other hand, depends mostly on printed materials distributed by post. Distance Education is oriented towards pedagogy ; it has the in-built teacher in the Self-Instructional Materials.

2 GOVERNANCE

The President of India is the Visitor of the University. Authorities of the University include the Board of Management, Academic Council, Planning Board, Finance Committee, etc.

The Vice-Chancellor, Pro-Vice-Chancellors, Directors, Finance Officer, Registrars and Regional Directors are important officers of the University.

3 INSTRUCTIONAL SYSTEM

The University follows the multimedia approach in imparting instruction to you. It comprises of :

Self-instructional printed course material packages

Assignments for assessment and feedback

Supporting audio-video programmes

Face-to-face interaction between you and academic counsellors at Study Centres and Work Centres.

Practicals at designated Institutions

Project work in some programmes

Work related field project/functional assignments as per programme requirements

Telecast of video programmes on Doordarshan

Broadcast of audio programmes by All India Radio (Select Stations)

Interactive Satellite Aided Communication Network (Teleconferencing)

4a ADMISSION PROCEDURE

The University notifies admissions for its various programmes in the leading dailies from time to time indicating mode of obtaining the application forms, fees, etc. You may buy forms from all our Study Centres, Regional Centres and Headquarters.

As soon as the admission is finalised, either on the basis of an entrance test or as per the criteria laid down where there is no test, confirmation letter/admission notices are sent to you.

4b Printed course material is supplied to you. You are free to use other course components (multimedia) at the study centre you are attached to.

4c Simultaneous registration for more than one programme at a time is not permitted in general.

5a STUDENT SUPPORT SERVICES

Support services are provided through a network of Study Centres scattered all over the country. Study Centres are the actual focal points to enable you to receive regular information and learning support. Each Study Centre is provided with library, audio and video facilities for the students. Senior and experienced academics and professionals are engaged in face-to-face counselling to further help you in the learning process. The Study Centres are generally located in existing educational institutions and normally function on holidays and Sundays and in the evenings on working days. Each Study Centre is manned by part-time staff drawn from the host institution. To coordinate the functioning of Study Centres IGNOU has set up 17 Regional Centres in different parts of the country, viz., HYDERABAD, DELHI, AHMEDABAD, SHIMLA, BANGALORE, COCHIN, BHOPAL, SHILLONG, BHUBANESHWAR, JAIPUR, MADRAS, LUCKNOW, PUNE, KARNAL, PATNA, GUWAHATI AND CALCUTTA.

5b The IGNOU Regional Centre, Calcutta looks after the activities of the university in West Bengal. The Study Centres under its jurisdiction are :

Sl. No.	Code	Address
1.	2801	Iswarchandra Patha Bhavan, 299, A.P.C. Road, Calcutta-700 009
2.	2802	St. Xavier's College, 30, Park Street, Calcutta-700 016
3.	2804	Aswini Datta Memorial, 94/2, Park Circus, Calcutta-700 017
4.	2810	Maulana Azad College, 8 Rafi Ahmed Kidwai Road, Calcutta-700 013
5.	2803	Railway Technical School, Kanchrapara, 24–Parganas (North)-743 145
6.	2805	Adarsh Mahavidyalaya, Sevoke Road, Siliguri-734 401
7.	2807	J.K. College, P.O. & Dist. Purulia-723 101
8.	2808	Govt. Teachers' Training College, P.O. & Dist. Malda-732 101
9.	2809	Katwa College P.O. Katwa, Dist. Burdwan-713 130
10.	2811	Darjeeling Govt. College, P.O. & Dist. Darjeeling-734 101
11.	2812	A.B.N. Seal Govt. College, Coochbehar–736 101
12.	2813	Midnapore College, Midnapore-721 101
13.	2814	D.A. College, Garia Calcutta-700 084
14.	2815	Aurobindo Anusilan Society Seharapara, Suri, Birbhum-731 101

ACADEMIC PROGRAMME OFFERED BY IGNOU

Sl. No.	Name of the Programme	Programme code	Eligibility	Minimum age as on 1st January of the Academic Year	Duration in years		Fee*	Medium of Instruction
					minimum needed	maximum permitted		
1.	Master of Arts in Distance Education	MADE$^{\Psi}$	Diploma in Distance Education (DDE) or Post Graduate Diploma in Distance Education (PGDDE)	No bar	1	4	Rs. 1100/–	English
2.	Master of Library and Information Science	MLISc	BLIS Degree from any recognised University or any other qualification considered equivalent to BLIS such as PG Diploma in Library Science from a recognised University	No bar	1	4	Rs. 4500/–	English
3.	Master in Computer Applications	MCA$^{\oplus}$	Graduates with Maths at 10+2 or equivalent level and completion of DCO or CIC with a required score	No bar	3	7	Rs. 27000/– (for 3 yrs.)	English
4.	Bachelor of Library and Information Science	BLISc	Bachelor's degree with 2 years experience in a recognised library	No bar	1	4	Rs. 2500/–	English
5.	Bachelor of Science in Nursing (B.Sc Nursing)	B.Sc (N)	10+2 with 3 years Diploma in General Nursing & Midwifery or any other nursing course of 6-9 months' duration in lieu of midwifery with 2 years experience in the profession or 10th class with 3 years' Diploma in General Nursing & Midwifery or any other nursing course of 6-9 months duration in lieu of Midwifery with 5 yrs. experience in profession	No bar	3	5	Rs. 3500/– Per annum	English
6.	Bachelor of Science	B.Sc	10+2 with science subjects or its equivalent qualification	No bar	3	8	Rs. 1500/– per annum	English and Hindi

Sl. No.	Name of the Programme	Programme code	Eligibility	Minimum age as on 1st January of the Academic Year	Duration in years		Fee*	Medium of Instruction
					minimum needed	maximum permitted		
7.	Bachelor's Preparatory Programme	BPP[θ]	No formal qualification	20 years	6 months	2	Rs. 300/–	English and Hindi
8.	Bachelor of Arts	BA	10+2 or its equivalent	No bar	3	8	Rs. 900/– per annum	English and Hindi
9.	Bachelor of Commerce	B.Com	10+2 or its equivalent	No bar	3	8	Rs. 900/– per annum	English and Hindi
10.	Master of Business Administration	MBA[α]	Bachelor's degree + 3 years Supervisory Managerial/Professional experience	No bar	3	—	Rs. 300/– per Course (Total 21 Courses)	English
			or					
11.	Post Graduate Diploma in Human Resource Management	PGDHRM[α]	Professional degree in Engineering/ Technology/Medicine/Architecture/ Law	No bar	1	$2^1/_2$	Rs. 1500/–	English
			or					
12.	Post Graduate Diploma in Financial Management	PGDFM[α]	Professional qualifications in Accountancy, Cost & Works Accountancy, Company Secretaryship	No bar	1	$2^1/_2$	Rs. 1500/–	English
			or					
13.	Post Graduate Diploma in Operations Management	PGDOM[α]	Master's degree in any subject	No bar	1	$2^1/_2$	Rs. 1500/–	English
14.	Post Graduate Diploma in Marketing Management	PGDMM[α]		No bar	1	$2^1/_2$	Rs. 1500/–	English
15.	Diploma in Management	DIM	Bachelor's degree with 3 years' Supervisory/Managerial/ Professional experience or Non-graduate with 6 years' Supervisory/Managerial/ Professional experience	No bar	1	$2^1/_2$	Rs. 1500/-	English

Sl. No.	Name of the Programme	Programme code	Eligibility	Minimum age as on 1st January of the Academic Year	Duration in years		Fee*	Medium of Instruction
					minimum needed	maximum permitted		
16.	Post Graduate Diploma in Journalism and Mass Communication	PGJMC	Graduate with 2 years' experience in a media/communication organisation	No bar	1	4	Rs. 1700/-	English
17.	Post Graduate Diploma in Distance Education	PGDDE	Bachelor's degree in any subject/ area or a professional degree	No bar	1	4	Rs. 800/-	English
18.	Post Graduate Diploma in Higher Education	PGDHE	Teachers in Institution of Higher Learning or Post Graduate degree holders in any subject with 50% marks or (professional degree holders with 50% marks)	No bar	1	4	Rs. 1100/-	English
19.	Advance Diploma in Construction Management	ADCM[β]	3 years' Diploma in Civil Engineering and employed	No bar	2	5	Rs. 15500/-	English
20.	Advance Diploma in Water Resource Engineering	ADWRE[β]	3 years' Diploma in Civil Engg./ Agricultural Engg. and employed	No bar	2	5	Rs. 14500/-	English
21.	Post Graduate Diploma in Maternal and Child Health	PGDMCH[xx]	MBBS with 3 years Experience	No bar	1	3	Rs. 5000/-	English
22.	Bachelor in Computer Applications	BCA[γ]	10 + 2 or its equivalent with Maths as a distinct subject	No bar	3	6	Rs. 12900/- (total for 3 years)	English
23.	Certificate in Computing	CIC[γ]	10 + 2 or its equivalent	No bar	6 months	1	Rs. 1700/-	English
24.	Diploma in Computers in Office Management	DCO[γ]	Bachelor's degree or 10 + 2 or equivalent with 3 years' working experience.	No bar	1	4	Rs. 2700/-	English
25.	Diploma in Creative Writing in English	DCE	No formal qualification	21 years	1	4	Rs. 1300/-	English
26.	Diploma in Creative Writing in Hindi	DCH	No formal qualification	21 years	1	4	Rs. 1300/-	Hindi

Sl. No.	Name of the Programme	Programme code	Eligibility	Minimum age as on 1st January of the Academic Year	Duration in years		Fee*	Medium of Instruction
					minimum needed	maximum permitted		
27.	Diploma in Rural Development	DRD	Bachelor's degree	No bar	1	4	Rs. 1000/_	English Hindi
28.	Diploma in Nutrition and Health Education	DNHE	10 + 2 or its equivalent	No bar	1	4	Rs. 1000/–	English Hindi
29.	Diploma in Early Childhood Care and Education	DECE	10 + 2 or its equivalent	No bar	1	4	Rs. 1000/–	English Hindi
30.	Bachelor in Tourism Studies	BTS	10 + 2 or its equivalent	No bar	3	8	Rs. 3800/– for 3 years	English Hindi
31.	Diploma in Tourism Studies	DTS	10 + 2 or its equivalent	No bar	1	4	Rs. 1700/–	English
32.	Certificate Programme in Tourism Studies	CTS	10 + 2 or its equivalent	No bar	6 months	2	Rs. 700/–	English
33.	Certificate in Food & Nutrition	CFN$^{\delta}$	No formal qualification	18 years	6 months	2	Rs. 400/–	English
34.	Certificate in Guidance	CIG	Teachers of recognised institutions or Pass in matriculation/SSC	21 years	6 months	2	Rs. 300/–	English & Hindi
35.	Nutrition for the Community (Non-Credit Course)	ANC	10 + 2 or its equivalent	18 years	—	—	Rs. 200/–	English & Hindi
36.	Organising Child Care Services (Non-Credit Course)	ACC	10 + 2 or its equivalent	18 years	—	—	Rs. 200/–	English & Hindi
37.	Certificate in Nutrition and Child Care	CNCC	10 + 2 or its equivalent	18 years	6 months	2	Rs. 500/–	English & Hindi
38.	Certificate in Teaching of English	CTE	Graduation or 10 + 2 with teaching experience	21 years	6 months	2	Rs. 900/–	English
39.	Certificate Programme in Environment Studies	CES	Bachelor's Degree or 10 + 2 or its equivalent	No bar	6 months	2	Rs. 900/–	English

EXPLANATION :

- ✪ Supervisory experience means that the person is in the supervisory cadre and supervising or looking after the work of a minimum of three subordinates reporting to him/her.
- ✪ Managerial experience means that the person is concerned with decision making responsibilities.
- ✪ Experience means work experience of a person during or after acquiring the qualifications as specified above.
- ✪ Professional means a person holding a degree in Engineering, Law, Medicine, etc.

ψ Learners are not attached to any study centre. Support service is handled directly from STRIDE, IGNOU HQrs, New Delhi.

xx. For PGDMCH, experience will be counted from the date of completion of internship. PGDMCH is being offered through Calcutta Medical College which is a Programme Study Centre.

α. University conducts Entrance Examination.

β. This programme ultimately leads to B. Tech. (Civil) after a further study of 3 years.

γ. This programme leads to MCA.

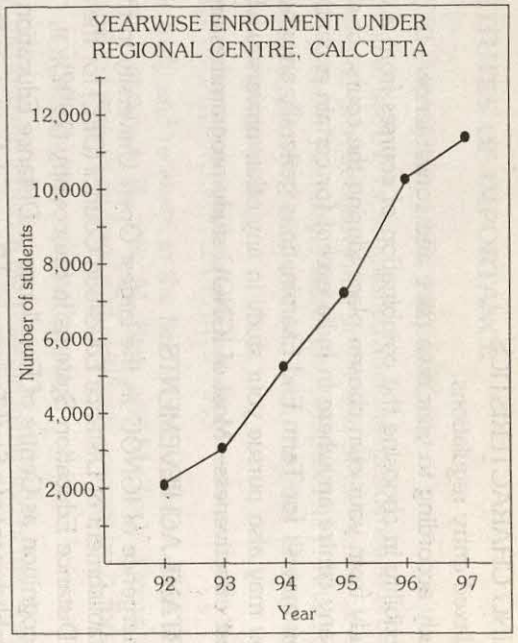
δ. This programme is also offered in Assamese, Gujrathi, Hindi, Kannada, Malayalam, Marathi, Punjabi and Tamil.

θ. This programme leads to B.A./B.Com

+. This programme can be studied simultaneously with any other IGNOU programme.

⊕. There is also provision for 'Lateral Entry' to second year of MCA for those who possess PGDCA from a recognised University/'A' level of DoE + graduation and pass the test conducted by IGNOU.

STUDY CENTRE CODE	PROGRAMMES FOR WHICH THE CENTRE IS ACTIVATED (FIGURES INDICATE THE SERIAL NUMBERS OF THE PROGRAMME GIVEN IN THE TABLE ABOVE)
2801	2, 4, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 22, 23, 25
2802	3, 10, 11, 12, 13, 14, 15, 24
2803	7, 8, 9, 10, 11, 12, 13, 14, 15, 27, 28, 29, 30, 31, 32, 33, 35, 36, 37, 39
2804	7, 8, 9, 10, 11, 12, 13, 14, 15
2805	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 22, 23, 24, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 39
2806	DECISION PENDING AS ON 1/6/97
2807	7, 8, 9, 22, 23, 27, 28, 29, 30, 31, 32, 33, 35, 36, 37, 39
2808	7, 8, 9, 22, 23, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39
2809	7, 8, 9, 22, 23, 27, 33, 35, 36, 37
2810	5, 6, 7, 8, 9, 18, 19, 20, 22, 23, 34
2811	7, 8, 9, 27, 29, 30, 31, 32, 33, 35, 36, 37, 39
2812	4, 7, 8, 9, 16, 22, 23, 24, 27, 28, 29, 30, 31, 32, 33, 35, 36, 37, 39
2813	7, 8, 9, 16, 22, 23, 24, 27, 30, 31, 32, 33, 35, 36, 37, 38, 39
2814	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 22, 23, 26, 27, 28, 29, 30, 31, 32, 33, 35, 36, 37, 38, 39
2815	4, 7, 8, 9, 22, 23, 27, 28, 29, 30, 31, 32, 33, 35, 36, 37, 39



* The cost of the study Material & Exam. fee is included in the course fee.
* In addition, Rs. 100/- has to be paid as Registration charges.
* Programmes generally commence from January every year.

6 STRIKING CHARACTERISTICS

- Relaxed entry regulations.
- Study according to your own pace and convenience.
- Flexibility in choosing the combination of courses from a wide range of disciplines.
- Study from your own chosen place (during the course of study you can change the opted study centre to any centre anywhere in India except for certain exceptional cases.)
  You may sit for Term End Examinations generally anywhere in India and some select centres abroad.
- You may also pursue your study in any other university while being a student of IGNOU.
- Cost effectiveness—Most of IGNOU study programmes are heavily subsidized by the Govt. of India.

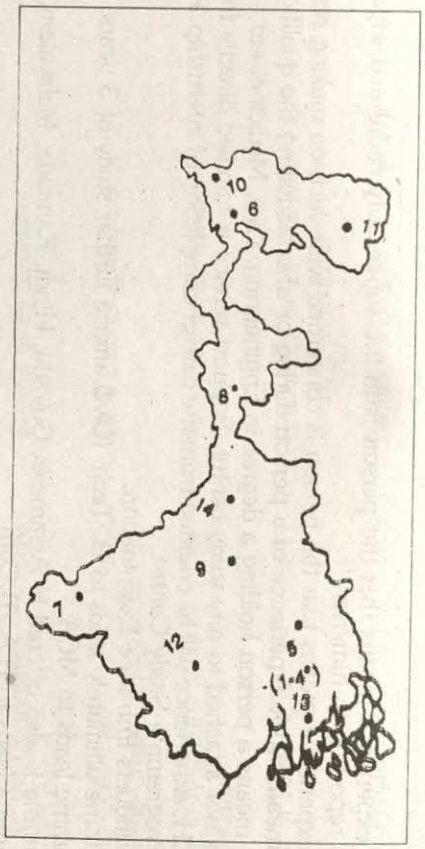
7 IMPORTANT ACHIEVEMENTS

- Emergence of IGNOU as the largest Open University in the Commonwealth.
- Establishment of Distance Education Council (DEC) for the coordination and determination of standards of Distance Education Systems in the country (1992).
- Recognition as Centre of Excellence in Distance Education by the Commonwealth of Learning (1993).
- Establishment of a Staff Training and Research Institute in Distance Education (STRIDE) with support from the Commonwealth of Learning (COL).
- Award of 100 Fellowships by COL as Rajiv Gandhi Fellowships to enable candidates from 19 countries in the Commonwealth to pursue IGNOU Programmes.
- Launching of an IGNOU-ISRO joint channel for organising a one-way video, two-way audio teleconferencing (1993-94).
- Offering World's largest Management Programme.
- Reaching IGNOU service to middle east countries

8 EVALUATION SYSTEM

IGNOU has a three-tier system of evaluation

1) **Check Your progress (self-assessment) :** This is provided in study materials and is meant for self–assessment.
2) **Assignments (continuous internal assessment) :** This carries a weightage of 25% to 30%. There are two types of assignments.
   (i) Computer Marked Assignment (CMA) and
   (ii) Tutor Marked Assignment (TMA). TMAs submitted at the study centre are returned to the students after evaluation with comments.
3) **Term End Examination (TEE) :** This is the major component in the assessment as 70% to 75% weightage is given. University holds Term End Examination twice a year (JUNE & DECEMBER).



Dots in the map indicate the places where IGNOU Study Centres in West Bengal are situated.

Figures indicate the serial numbers of the study centres.

RECOGNITION

IGNOU is a CENTRAL UNIVERSITY under the Ministry of Human Resources Development, Govt. of India.

IGNOU Degrees/Diplomas/Certificates are recognised by all the members of the Association of Indian Universities (AIU) and are at par with Degrees/Diplomas/Certificates of all Indian Universities/Deemed Universities/Institutions vide UGC Circular No. : F1–8/92 (CPP) dated February 1992.

IGNOU TELECAST ON DOORDARSHAN

DD-1—Between 6.30 a.m. & 7.00 a.m. on all Mondays, Wednesdays*, Fridays.

*Open Channel on every 3rd Wednesday.

VISITORS' TIME AT IGNOU REGIONAL CENTRE, CALCUTTA 10.30 A.M. TO 1.30 P.M. (MON-FRI).

INSTITUTES OF IMPORTANCE

INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR, DIST. MIDNAPORE

I. I. T., Kharagpur, is the first of the chain of five I. I. Ts, established after Independence to produce scientists and technologists of the highest calibre and provide leadership in the field of technological education and research. The other I. I. Ts are situated at Delhi, Bombay, Madras and Kanpur. I. I. T. Kharagpur conducts courses in Engineering programmes leading to B. Tech. and M. Tech. degrees and integrated M. Sc. programmes (see chapter V for details of programme).

INDIAN STATISTICAL INSTITUTE, BARANAGAR, NORTH 24-PARGANAS

A leading institute in the country for study and research in the field of statistics and allied subjects, it was founded by Prof. P. C. Mahalanabis. It conducts B. Stat, M. Stat. and M. Tech. Courses and Ph. D. programmes. Apart from these, it conducts various diploma and certificate courses on computer software.

INDIAN INSTITUTE OF MANAGEMENT, JOKA, SOUTH 24–PARGANAS

One of the four I. I. Ms of the country, this institute is held in high esteem in the field of management science. It conducts Master of Business Administration (M.B.A.) course. It also has a fellowship programme.

SAHA INSTITUTE OF NUCLEAR PHYSICS, SALT LAKE, CALCUTTA-91 (PHONE : 350–2344/337–0379)

It has been founded in the memory of Late Dr. Meghnad Saha, the noted scientist of India. This institute offers academic programmes like Ph. D. on nuclear courses and other basic researches on the subject.

ASIATIC SOCIETY, PARK STREET, CALCUTTA (PHONE : 29–0779)

This institute was founded by Sri William Jones in 1784 for the preservation and cultivation of oriental culture. It contains rare documents, coins, manuscripts and other objects of immense historical importance and offers research fellowship programmes. It has now been upgraded to the status of an Institution of National Importance by the Government of India.

OTHER UNIVERSITIES IN WEST BENGAL

BIDHANCHANDRA KRISHI VISWAVIDYALAYA

It is an Agricultural University in this state under the administrative jurisdiction of the Department of Agriculture. It is situated at Mohanpur near Kalyani. It conducts all types of courses based on Agriculture and Veterinary Sciences. It has another centre in North Bengal.

A new University has been set up by the State Govt. which will conduct studies on Animal Sciences and Fisheries.

VISVA-BHARATI

It is a Central University situated at Shantiniketan near Bolpur, Dist. Birbhum. It is controlled by the Ministry of Human Resource Development, Govt. of India. Dr. D. K. Sinha is the present Vice-Chancellor of this university. It conducts courses in science, arts, fine arts, agriculture, education, etc. It is also a centre for research on works and ideas of Rabindranath Tagore.

CORRESPONDENCE COURSES IN UNIVERSITIES

The Universities of Burdwan and Midnapore have introduced Correspondence Courses in some Arts and Commerce Subjects for the P. G. Courses in 1994-95. The details of the courses for each university are given below :

UNIVERSITY	LEVEL	SUBJECT	ACTUAL INTAKE	DURATION
Burdwan University	P. G.	English, Bengali, Philosophy, History, Pol. Science & Commerce (6 Subjects)	5824 (Pt–I)	2 yrs.
Vidyasagar University	P. G.	English, Bengali, Pol. Science, History, Commerce (5 Subjects)	3327 (1994–95)	Do

SCHEMES FOR THE UNIVERSITIES FINANCED BY THE STATE GOVERNMENT

Out of the provision in the State Budget in respect of the Universities, funds are provided for payment of matching share in the UGC approved schemes. In addition, the State Govt. also approves and sanctions fund for projects fully financed by the State Govt. Funds have been sanctioned by the State Govt. for ongoing schemes. The developments of Post Graduate education since 1977 detailed below, should clearly demonstrate the direction and emphasis of the State Government.

Financial allotment (Rs. in 000's)

	Non Plan	State Plan (Annual Plan)	7th Plan (Committed)
1991–92	49,10,75	3,81,20	1,36,00
1992–93	56,36,40	3,81,20	1,36,00
1993–94	72,23,70	3,71,00	1,41,00
1994–95	69,77,75	3,96,80	1,41,00
1995–96	2,56,28,21	4,00,00	1,37,00
1996–97	3,25,56,64	25,30,00	—

TABLE

ENROLMENT BY STAGES AND CLASSES IN STATES DURING 1993–94

M. A./M. Sc./M. Com.

STATES	BOYS			GIRLS			SC			ST		
	M.A.	M.Sc.	M.Com.	M.A.	M.Sc.	M.Com.	M.A.	M.Sc.	M.Com.	M.A.	M.Sc.	M.Com.
Andhra Pradesh	6222	3871	2442	2074	1442	393	1445	621	374	242	62	70
Arunachal Pradesh	185	—	—	58	—	—	03	—	—	158	—	—
Assam	1520	923	550	1340	430	30	182	98	70	235	80	53
Bihar	7910	2254	18826	2771	567	3372	—	—	—	—	—	—
Goa	115	118	79	204	126	79	04	02	08	—	—	—
Gujrat	8700	3000	5100	7300	1700	3300	2000	150	850	1750	225	420
Haryana	2354	1045	379	2219	630	405	591	59	144	—	—	—
Himachal Pradesh	349	222	87	384	132	53	71	61	23	43	15	14
J. & K.	738	520	132	805	613	73	58	33	07	—	—	—
Karnataka	27	45	—	113	178	44	03	—	—	—	—	—
Kerala	1970	1293	671	2381	2190	546	412	314	123	23	12	04
Madhya Pradesh	10074	5862	8500	7690	2820	1510	1658	280	563	1077	170	293
Maharashtra	26336	9582	15189	11894	4386	4836	6659	863	3205	876	110	447
Manipur	319	290	45	325	163	31	05	02	02	29	17	04
Meghalaya	388	110	21	302	80	09	15	03	—	355	88	19
Nagaland	35	16	13	40	03	03	—	—	—	67	12	—
Orissa	3895	1722	1222	2272	761	82	396	130	19	178	49	16
Punjab	2327	484	43	4064	723	96	579	36	08	—	—	—
Rajasthan	2400	1098	970	1233	571	173	263	27	122	326	07	53

(Table Contd.)

STATES	BOYS			GIRLS			SC			ST		
	M.A.	M.Sc.	M.Com.	M.A.	M.Sc.	M.Com.	M.A.	M.Sc.	M.Com.	M.A.	M.Sc.	M.Com.
Tamil Nadu	1208	1747	762	986	1645	441	480	306	166	19	08	02
Tripura	117	121	129	258	59	03	45	08	24	03	—	02
Uttar Pradesh	46954	11904	8963	21357	3604	300	9732	728	640	498	38	36
West Bengal	5125	2612	2145	5642	1302	205	477	163	25	15	09	01
A. & N. Islands	22	13	—	32	12	—	—	—	—	—	—	—
Chandigarh	637	136	29	900	186	25	129	20	05	—	05	02
Delhi	3108	990	820	3370	965	805	482	42	92	124	08	14
Pandichery	94	61	04	92	92	32	19	07	02	—	—	—

SELECTED EDUCATIONAL STATISTICS (MHRD)

TABLE

GROWTH OF POPULATION (INDIA) (000'S)

YEAR	TOTAL	MALE	FEMALE	DECADAL GROWTH RATE	LITERACY RATES TOTAL	MALE	FEMALE
1951	361088	185528	175560	+ 13.31 ...	18.33	27.16	8.86
1961	439235	226293	212942	+ 21.64 ...	28.31	40.40	15.34
1971	548160	284049	264111	+ 24.80 ...	34.45	45.95	21.97
1981	683329	353374	329955	+ 24.66 ...	43.67	56.50	29.85
1991	846303	439231	407072	+ 23.50 ...	52.21	64.13	39.29*
						* (excluding J. & K.)	
West Bengal	067983	35462	32521	SC	37.41	49.91	23.76
				ST	29.68	48.65	18.19

LITERACY GROWTH RATE (WEST BENGAL) 1991

G—57.72, M—67.24, F—47.15, S.C.—26.85, S.T. 35.78

INDIA

Population Growth Rate : 2.14 (1990-91)
Projection : 1.78 (1996-97)
Percapita : GNP-US $ 300

TABLE

GROWTH OF RECOGNISED EDUCATIONAL INSTITUTIONS SINCE, 1951 (INDIA)

YEAR	COLLEGE FOR GEN. EDUCATION	COLLEGE FOR PROFESSIONAL EDUCATION	UNIVERSITIES (INCLUDING DEEMED UNIVERSITY)
1950-51	370	208	27
1955-56	466	218	31
1960-61	967	852	45
1965-66	1536	770	64
1970-71	2285	992	82
1975-76	3667	3276 †	101
1980-81	3421	3542 †	110
1985-86	4067	1533 †	126
1990-91	4862	886	184
1992-93	5334	989	207
1993-94	5639	2046 #	213

† Includes Post-matric Courses.

Polytechnics—1021, Medical etc. 233, Teacher Trg. College 584, Engineering Tech. Colleges (Degree & Above) 308

VISVA-BHARATI

Year of establishment : 1951 (as a Central University)

This institution was, at first, started by Debendranath Tagore in the form of an 'ashrama' in 1863. Rabindranath Tagore started a 'Brahmacharya Ashrama' here in 1901. On December 23, 1921 Visva-Bharati became a registered public body with a constitution of its own. In May 1951 Visva-Bharati was declared to be a Central University and an Institution of National Importance.

CHARACTER

Unitary, teaching and residential university ;
Academic session—1 July to 30 June ;
Language course—September ;
Medium of instruction— Bengali (School)
English (University) ;
Academic privileges to foreign students ;
Research fellowship programme for foreign students ;
Classes often held in open air ;
A centre for realizing both the external and internal features of India and fusion of oriental and Western cultures.

CURRICULUM

Originally a repudiation of the colonial system of education—an unconventional university with unconventional curriculum having joyful, artistic, creative expression in an environment of music, painting and dramatic performances in consonance with nature.

FACULTIES AND INSTITUTIONS

Vidya Bhabana (Institute of Humanities and Social Sciences)
Siksha Bhabana (Institute of Science)
Kala Bhabana (Institute of Fine Arts)
Sangeet Bhabana (Institute of Music and Performing Arts)
Rabindra Bhabana (Institute of Tagore Studies, Museums and Archives)
Vinay Bhabana (Institute of Education)
Palli Samgathana Vibhaga (Institute of Rural Reconstruction)
Palli Siksha Bhavana (Institute of Agricultural Studies)
Patha Bhavana (Institute for Secondary Education)
Siksha Satra (Institute of Secondary Education)
Uttar Siksha Sadana (Institute for Higher Secondary Education)
Siksha Charcha (PTTI, Primary Teacher's Training Centre)
Agro-Economic Research Centre.

VIDYA BHAVANA

(i) B.A. (Hons.)—Three years
Subjects : Ancient Indian History and Culture, Bengali, Economics, English, Geography, Hindi, History, Mathematics, Oriya, Philosophy, Comparative Religion and Sanskrit. Course in Tagore Studies compulsory for all.

(ii) Chinese course—Hons.—Four years.

(iii) M.A.—Two years
Subjects : all B.A. Hons. subjects, Chinese and Indo-Tibetan studies.

(iv) Two-years Certificate Course
Subjects : Bengali, Santhali, Assamese, Oriya, Hindi, Tamil, Marathi, Sanskrit, Pali, Arabic, Persian, Urdu, Chinese, Japanese, Tibetan, German, Russian, Italian and French.

(v) One-year Diploma Course
Subjects : the same as in Two-years certificate course.

(vi) One-Year Advanced Diploma Course
Subjects : Tibetan and Russian.

(vii) One-year Certificate Courses for foreign casual students.

(viii) Ph.D. programmes.

SIKSHA BHABANA

(i) B.Sc. (Hons.)—Three Years
Subjects : Physics, Chemistry, Mathematics, Botany and Zoology.

(ii) M.Sc.—Two years
Subjects : all B.Sc. (Hons.) Subjects.

(iii) One-Year Post-Graduate Diploma in Computer Science and Applications.

(iv) Ph.D.

KALA BHABANA

(i) Five-Years U.G. Courses (B. Fine Arts Degree) in Painting, Sculpture, Design, Graphic Art and Art History.

(ii) Five-Years Diploma Courses (Dip. in Fine Arts and Crafts) in Painting, Sculpture, Graphic Arts or Design.

(iii) Two-Years P.G. Courses (M. Fine Arts) in Painting, Sculpture, Graphic Arts and History of Art.

(iv) Two-years P. G. Courses (P. G. Dip.) in Painting, Sculpture and Graphic Art (Printmaking)

(v) Two-years Certificate in Design.

(vi) One-year Foreign Casual Students' Course in Indian Art.

(vii) Ph. D.

SANGEET BHABANA

(i) Four-years U.G. Courses (B. Mus. Degree) in Rabindra Sangeet, Dance, Hindusthani Classical Music (vocal) and Hindusthani Classical Music (Instrumental).

(ii) Four-years Diploma Courses in Music and Dance, Rabindra Sangeet, Hindusthani Classical Music (Vocal and Instrumental).

(iii) Two-years P. G. Courses (M. Mus. Degree) in the same subjects as in (i).

(iv) Four-years Senior Certificate course in the same subjects as in (i).

(v) Two-years part-time courses in Hindusthani Classical (Vocal/Instrumental), Rabindra Sangeet, Manipuri Dance and Kathakali Dance.

(vi) One-year Foreign Students' course in the same subjects as in (i).

RABINDRA BHABANA

Treasure house of manuscripts of Rabindranath Tagore, Papers of Tagore family, a collection of Paintings, and sketches by the poet and a few others ; a research centre for Tagore Studies.

VINAY BHABANA

A Teachers' Training Centre.

(i) B.Ed.—One year.

(ii) M.Ed.—One year.

(iii) Ph.D.

(iv) Extension service.

PALLI SIKSHA BHABANA

(i) B.Sc. (Ag.) in Agricultural Sciences—4 years.

(ii) M.Sc. (Ag.) in Agricultural Sciences—2 years.

(iii) Ph.D.

DEPT. OF SOCIAL WORK

(i) B.S.W.—three years

(ii) M.S.W.—two years

(iii) Ph.D.

VISVA-BHARATI
EXAMINATION RESULTS
(1995-96)

COURSE	NUMBER APPEARED			NUMBER PASSED		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
M.A.	113	129	242	108	125	233
M.Sc.	85	51	136	71	46	117
M.Fine	18	9	27	18	9	27
M.Mus.	12	10	22	11	9	20
M.Sc. (Ag.)	8	1	9	8	1	9
M.Ed.	11	5	16	4	4	8
M.S.W.	19	8	27	14	8	22
B.A.(Hons.)	82	119	201	76	115	191
B.Sc. (Hons.)	86	23	109	82	23	105
B.Fine	13	13	26	11	13	24
B.Mus.	7	13	20	6	13	19
B.Sc. (Ag.)	24	1	25	22	1	23
B. Ed.	57	26	83	52	24	76
B.S.W.	12	9	21	12	9	21
Ph.D.	—	—	—	27	17	44

VISVA-BHARATI
EDUCATIONAL DATA
(1995-96)

NUMBER OF STUDENTS

UNDERGRADUATE			POST GRADUATE		
MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
864	806	1670	517	417	934

NUMBER OF TEACHERS

MALE			FEMALE		
GENERAL	S.C	S.T.	GENERAL	S.C.	S.T.
276	11	1	53	1	—

CATEGORY OF TEACHERS

DESIGNATION	PROFESSOR	READER	SL.GR. LECTURER	SR. LECTURER	LECTURER	OTHERS
NUMBER	142	60	1	55	63	154

RESEARCH PROJECTS

SPONSOR	U.G.C.	GOVT. OF W. B.	GOVT. OF INDIA	N.C.E.R.T.	C.S.I.R.	I.C.S.S.R.	I.C.A.R.	I.C.H.R.	I.C.M.R.
NUMBER	45	5	29	1	27	5	22	2	1

TABLE

OUTLAYS AND EXPENDITURE ON EDUCATION—INDIA

Per Capita Budgetary Expenditure on Education of Major States

State	1985-86	1991-92	1992-93	1993-94	1994-95	1995-96
1	2	3	4	5	6	7
Andhra Pradesh	89	167	193	205	229	239
Assam	96	234	275	328	312	364
Bihar	65	144	148	152	179	195
Gujarat	123	249	260	313	350	378
Haryana	102	212	246	257	267	292
Karnataka	91	206	231	265	313	357
Kerala	148	280	301	373	444	507
Madhya Pradesh	63	146	159	174	206	219
Maharashtra	113	257	282	316	350	331
Orissa	58	168	187	204	264	256
Punjab	125	270	282	316	360	382
Rajasthan	85	195	228	261	300	331
Tamil Nadu	100	255	271	298	336	360
Uttar Pradesh	62	141	173	159	197	202
West Bengal	88	190	193	226	252	310

Expenditure on Education (Revenue Account) as Percentage of GNP

Year	Education Departments	Other Departments	All Departments
1	2	3	4
1951-52	0.68	0.03	0.68
1961-62	1.63	0.09	1.63
1971-72	2.37	0.23	2.41
1981-82	2.65	0.45	3.00
1986-87	3.27	0.53	3.67
1987-88	3.57	0.64	4.04
1991-92	3.47	0.69	3.99
1992-93	3.39	0.89	4.70
1993-94	3.30	0.69	3.99
1994-95 (RE)	3.29	0.68	3.97

Budgetary Expenditure on Education as per Cent of Total Budget (Revenue Account) (%)

State/UT's	1985-86	1990-91	1991-92	1992-93	1993-94	1994-95 (RE)	1995-96 (BE)
1	2	3	4	5	6	7	8
Andhra Pradesh	19.06	17.96	17.41	18.36	17.81	17.40	17.13
Arunachal Pradesh	11.06	14.27	15.29	14.76	13.68	14.63	13.53
Assam	22.57	22.93	24.76	26.01	26.78	23.31	24.23
Bihar	24.41	24.51	21.97	20.14	19.00	21.63	22.09
Goa	17.65	24.00	21.15	21.03	19.22	18.16	15.95
Gujarat	23.88	21.76	19.87	17.78	19.56	21.04	22.97
Haryana	17.72	16.40	15.57	17.61	13.19	7.02	10.50
Himachal Pradesh	17.89	18.71	18.29	19.97	17.47	18.30	17.67
Jammu & Kashmir	15.10	14.80	11.33	11.33	26.73	27.32	29.36
Kamataka	17.72	19.66	18.85	19.07	20.01	19.44	18.93
Kerala	28.44	26.95	25.53	24.54	26.23	26.20	27.21
Madhya Pradesh	17.49	18.44	18.04	17.69	16.18	17.63	16.44
Maharashtra	17.79	19.49	20.45	19.88	18.02	17.44	15.64
Manipur	22.90	18.67	22.58	26.27	24.66	25.45	26.26
Meghalaya	15.34	17.09	18.34	18.45	19.10	18.13	19.70
Mizoram	14.88	13.28	15.22	14.89	15.33	13.56	14.78
Nagaland	13.48	11.15	10.12	10.88	12.16	12.24	12.81
Orissa	16.84	20.29	20.43	20.03	19.47	19.45	19.08
Punjab	20.05	19.79	13.18	17.10	16.49	12.84	11.04
Rajasthan	21.99	22.90	21.25	20.81	20.55	20.79	20.80
Sikkim	13.91	18.61	17.22	16.30	16.31	7.24	7.59
Tamil Nadu	21.46	22.37	16.49	18.01	19.53	21.15	21.25
Tripura	21.13	20.62	21.10	22.33	20.85	20.61	28.98
Uttar Pradesh	20.75	21.81	19.09	19.48	17.46	18.95	16.85
West Bengal	23.57	26.43	23.42	23.81	23.30	21.61	24.24
A & N. Islands	11.86	23.10	10.67	12.20	13.27	13.28	11.57
Chandigarh	27.95	21.86	19.53	19.70	19.47	20.41	20.53
Dadra & Nagar Haveli	22.84	11.98	13.72	10.83	11.13	11.44	9.99
Daman & Diu		19.26	19.24	19.98	14.22	14.80	12.63
Delhi	35.79	28.36	28.23	29.36	25.91	28.76	26.70
Lakshadweep	13.62	11.77	12.77	10.03	8.16	9.79	8.39
Pondicherry	16.45	16.79	16.11	15.12	14.72	14.78	13.77
State/UT's Total	20.55	21.25	19.35	19.62	19.14	18.82	18.72
Centre	1.68	2.20	2.10	1.94	1.94	2.03	1.98
Centre + States/UT's	11.11	11.70	11.00	11.01	10.66	10.77	10.67

Source : Annual Financial Statistics of Education Sector 1996-97. Ministry of Human Resource Development, Department of Education Planning & Monitoring.

TABLE

WOMEN'S EDUCATION

Percentage of Women Enrolment to Total Enrolment State-wise 1994-95

State/ Union territory	Total* Enrolment	Women* Enrolment	Percentage of women
Andhra Pradesh	4,27,652	1,33,907	31.3
Arunachal Pradesh	3,240	737	22.7
Assam	1,48,170	47,725	32.2
Bihar	4,75,230	87,672	18.4
Goa	16,977	8,634	50.9
Gujarat	4,16,458	1,61,964	38.9
Haryana	1,42,320	54,072	38.0
Himachal Pradesh	35,354	15,503	38.2
Jammu & Kashmir	44,752	17,583	39.3
Karnataka	4,87,562	1,66,766	34.2
Kerala	1,80,053	93,545	52.0
Madhya Pradesh	3,75,216	11,11,127	29.6
Maharashtra	9,50,946	3,41,384	35.9
Manipur	28,254,	11,974	42.4
Meghalaya/Nagaland	19,455	7,682	39.5
Orissa	2,05,105	65,859	32.1
Punjab	1,86,797	95,000	50.9
Rajasthan	2,05,215	67,124	32.7
Tamilnadu	4,16,654	1,65,364	39.7
Uttar Pradesh	8,47,263	2,24,741	26.5
West Bengal/ Tripura/Sikkim	3,54,808	1,23,835	34.9
Delhi	1,36,538	60,318	44.2
Pondichery	9,910	4,466	45.1
Total	61,13,929	20,64,982	33.8

* Estimated

Growth of Women's College

Year	Number
1985-86	741
1986-87	780
1987-88	786
1988-89	824
1989-90	851
1990-91	874
1991-92	950
1992-93	994
1993-94	1070*
1994-95	1108*

* Provisional

Faculty Wise Women's Enrolment 1994-95

Faculty	Enrolment
Arts	11,23,157
Commerce	2,91,991
Science	4,15,000
Education	80,765
Law	37,274
Engineering & Technology	24,850
Others	91,945
Total	20,64,982

Percentage of Women Enrolment to Total Enrolment, Stagewise

Year	Graduate	Post-Graduate	Research	Diploma/ Certificate
1985-86	29.5	31.2	31.0	24.4
1994-95	33.6	35.6	38.5	26.4

Women Students Per Hundred Men Students

Year	Total Women Enrolment (000s)	Enrolment per Hundred Men
1950-51	40	14
1994-95	2065	51

Source : University Grants Commission Annual Report 1994-95.

CHAPTER – VII

COLLEGES

- General Information : Govt. Colleges, Non-Govt. Colleges
- Games and Sports in Degree Colleges
- Hostel Facilities in Colleges

CHAPTER – VII

COLLEGES

There are at present 375 institutions of different categories in West Bengal under the administrative jurisdiction of the Higher Education Department. Amongst those colleges there are General Degree Colleges, Teachers' Training Colleges, Engineering and Technological Colleges, Art Colleges etc. The distribution of General Degree Colleges and other Colleges in different districts along with population figure is shown in table—(P–190)

Decadal growth rate of colleges during 1971-1981 and 1981-1998 vis-a-vis decadal growth rate of population is shown in Table below.

Degree colleges in this state fall under two broad categories—(i) Government Colleges and (ii) Non-Government Colleges. There are also a few private colleges which do not depend on the Government for the expenditure and operation. Some of these have approached the Government for financial help.

GOVERNMENT COLLEGES

Government Colleges are directly controlled by the State Government. Entire expenditure for these Colleges are borne by the Higher Education Department. The teaching and non-teaching staff of those Colleges are Government employees.

NON-GOVERNMENT COLLEGES

Amongst the Non-Government Degree Colleges, most are financed by the Higher Education Department entirely or partially. Those which are 'PAY PACKET COLLEGES', receive paypacket grant to meet up salary expenditure for the staff of those colleges. The number of such Colleges are 327 in 1997-98 including 64 erstwhile Sponsored Colleges. Amongst the non-paypacket colleges, some receive grant only to match up difference between the "State Government Scale" and "College Scale". Three new Non-Government Colleges have been established during the current financial year.

The distribution of Government and Non-Government Colleges throughout West Bengal is shown in Table :

TABLE : DECADAL GROWTH OF POPULATION & COLLEGES

DISTRICT	1971-81		1981-91		1991-98
	POPULATION	COLLEGES	POPULATION	COLLEGES	COLLEGES
Bankura	343,776	2	424,640	4	—
Burdwan	919,214	4	1,145,662	6	2
Birbhum	319,920	2	460,276	2	—
Calcutta	410,469	1	261,416	3	1
Coochbehar	357,460	2	386,526	2	1
Darjeeling	242,492	1	311,349	3	1
Hooghly	685,190	3	795,354	5	1
Howrah	549,577	1	752,050	3	—
Jalpaiguri	464,712	3	524,956	2	1
Malda	419,214	—	602,071	1	3
Midnapore	233,549	4	1,607,094	4	1
Murshidabad	750,989	1	1,036,726	2	2
Nadia	740,342	3	883,394	2	—
North Dinajpur	545,060	1	727,427	3	1
North 24-Parganas	322,077	3	1,750,764	6	1
Purulia	250,926	3	363,622	3	—
South Dinajpur		1		—	1
South 24-Parganas	713,671	3	1,320,158	2	5

Amongst the above-mentioned colleges, the highest position, so far as number is concerned, is occupied the general Degree Colleges.

From Table it may be seen that the total number of General Degree Colleges (Arts/Science/Commerce and Technological) in this State in 1997-98 is 375 and that of Professional Colleges is 25. The number of Engineering and Technological Colleges is 9 only. One Government Engineering College has been converted into Deemed University in 1992-93. One new Technological Institute has been established under joint collaboration of State and private enterprise. A new Engineering College has been established at Salt Lake City, Calcutta during the current financial year.

TABLE

COLLEGES—375

- 340 Non-Govt. Colleges
  - 310 Gen. Degree Colleges
  - 18* B. Ed. Colleges
  - 1 PGBT College
  - 4 Law Colleges & 2 univ. Deptts.
  - 2 Music Colleges
  - 1 Art College
  - 1 Institute of English
  - 1 Indian Institute of Social Welfare and Business Management
  - 2 Engineering & Technological Colleges
- 35 Govt. Colleges
  - 17 Gen. Degree Colleges
  - 7 B. Ed. Colleges
  - 4 Physical Edn. Colleges
  - 1 Art College
  - 6 Engineering & Technological Colleges

The Degree Colleges have wide variety in enrolment, subjects offered and in educational achievements. The poor enrolment of some colleges are due to weak infrastructures, distance from locality, teaching only pass subjects etc. Steps are being taken for consolidation and improvement, by introducing diversified courses, honours teaching facility etc. It may be mentioned that some colleges which had very poor enrolment in 1980-81 have improved their condition, which will be clear from the following table :

TABLE : ROLL STRENGTH OF COLLEGES IN DEGREE CLASSES (AS AVAILABLE) INCLUDING TRAINING COLLEGES

DISTRICT	NO. OF COLLEGES WITH ENROLMENT					
	BELOW 250	250—500	501—1000	1001—2000	2001—3000	ABOVE 3000
Bankura	—	6	2	4	1	—
Burdwan	5	4	7	7	2	1
Birbhum	—	3	3	2	2	—
Calcutta	15	17	23	11	6	4
Coochbehar	3	2	3	2	—	—
Darjeeling	4	2	3	5	—	—
Hooghly	4	3	8	11	1	—
Howrah	4	2	6	3	1	1
Jalpaiguri	3	4	3	1	1	—
Malda	5	1	3	—	—	—
Midnapore	6	6	14	6	2	—
Murshidabad	3	4	6	2	1	—
Nadia	1	3	3	6	1	—
North Dinajpur	2	1	1	2	—	—
North 24-Parganas	7	11	8	5	8	2
Purulia	3	2	3	2	—	—
South Dinajpur	1	—	2	1	—	—
South 24-Parganas	4	9	6	4	2	2
Total :	70	80	104	74	28	10

* The figure excludes 23 B. Ed. Departments

TABLE

Name of the College	District	Students 1980-81	Enrolment in 1997-98
Kurseong College	Darjeeling	98	1134
Tufangunge College	Coochbehar	94	567
Samsi College	Malda	27	450
Sudhirranjan Lahiri Mahavidyalaya	Nadia	70	904
Harimohan Ghosh College	South 24-Pgs.	6	475
Gourmohan S. M. Mahavidyalaya	South 24-Pgs.	62	964
Sushil Kar College	South 24-Pgs.	92	425
K. K. Das College of Commerce	South 24-Pgs.	97	450
Gurudas College of Commerce	Calcutta	30	250
Savitri Girls' College	Calcutta	53	331
Kshudiram Bose Central College	Calcutta	76	521
Raniganj Girls' College	Burdwan	4	652
Birbhum Mahila Mahavidyalaya	Birbhum	14	387
Chandidas Mahavidyalaya	Birbhum	60	569
Panchmura Mahavidyalaya	Bankura	90	801
Ramananda Centenary College	Purulia	83	312

TABLE

Enrolment in Degree Courses (B.A./B.Sc./B.Com.) in districts (in 1980-81, 1990-91 and 1996-97) as available

District	*1980-81	Total enrolment in 1990-91†	1996-97
Bankura	3,090	7,222	10,472
Burdwan	6,144	18,581	23,440
Birbhum	1,202	9,132	12,311
Calcutta	41,180	71,842	98,250
Coochbehar	1,269	4,035	5,668
Darjeeling	2,376	4,722	5,925
Hooghly	8,268	18,492	25,142
Howrah	4,806	17,817	20,200
Jalpaiguri	2,029	4,159	4,763
Malda	1,391	3,416	5,021
Midnapore	8,788	19,459	22,385
Murshidabad	4,194	9449	10,332
Nadia	3,130	10,683	13,400
North Dinajpur	*1,965	*4,482	2,843
North 24-Parganas	—	—	41,472
Purulia	1,542	3,528	4,918
South Dinajpur	—	—	2,752
South 24-Parganas	*15,377	*46,211	23,550

* Figure indicates combined 24-Parganas & West Dinajpur District enrolment.

† Figures compiled by the Planning & Statistics Section, Education Directorate.

Although there are teaching facility in Honours subjects in most of the colleges, some colleges are functioning with teaching facility only in Pass course. Districtwise DISTRIBUTION OF COLLEGES WITH HONOURS FACILITY is shown in table below (as on 31-3-1997)

TABLE

District	No. of (Gen. Degree Colleges)	No. of Colleges with Hons. teaching facility
Bankura	12	12
Burdwan	24	18
Birbhum	10	8
Calcutta	65	63
Coochbehar	8	6
Darjeeling	12	9
Hooghly	23	18
Howrah	16	14
Jalpaiguri	10	6
Malda	8	4
Midnapore	32	31
Murshidabad	15	12
Nadia	13	13
North Dinajpur	5	4
North 24-Parganas	35	27
Purulia	9	8
South Dinajpur	4	3
South 24-Parganas	25	19

But, the Department feels that, Honours teaching facility should be evenly distributed amongst various subjects in Arts, Science and Commerce groups, so far as different districts in West Bengal are concerned. Efforts are being made to move, in that direction. This is necessary for raising the quality improvement in Colleges.

The enrolment figure at B.A./B.Sc./B.Com. degree classes in West Bengal vis-a-vis some other major States in India during 1997 is shown below :

TABLE—GEN.

STATE	BOYS						GIRLS					
	B.A. (H)	B.Sc. (H)	B.Com. (H)	SC TOTAL			B.A. (H)	B.Sc. (H)	B.Com. (H)	SC TOTAL		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
Andhra Pradesh	53568	39207	52598	13350	5071	5839	26749	58842	19664	1373	605	770
Arunachal Pradesh	1779	119	132	08	—	—	467	147	14	1773	104	185
Assam	60599	19864	10437	8636	1576	1169	36469	23689	1665	15808	1587	982
Bihar	121672	50089	197952	—	—	—	34648	57226	43424	—	—	—
Goa	1191	1228	3535	21	11	53	2559	2579	3118	03	03	01
Gujrat	92400	26700	71400	20000	1250	5700	87700	4200	44300	22700	600	3500
Harayana	47627	6508	8671	6971	379	855	26893	12022	4645	—	—	—
Himachal Pradesh	10000	4000	1450	1413	400	154	5000	5500	500	480	157	74
J. & Kashmir	6123	13748	2543	393	541	68	6782	18877	697	—	—	—
Karnataka	86639	30359	32428	19619	3178	3876	51913	50531	23885	5812	708	992
Kerala	19512	18657	7714	3550	3038	1317	24789	40695	5819	150	73	24
M. Pradesh	55240	38965	43060	951	2152	2806	37960	52685	4100	7654	1115	1522
Maharastra	171826	71396	128180	41063	11470	21747	100919	106074	81541	8608	2353	4289
Manipur	5900	4892	407	951	550	39	6011	2708	125	2161	451	75

Table—Contd.)

STATE	BOYS						GIRLS					
	B.A. (H)	B.Sc. (H)	B.Com. (H)	SC TOTAL			B.A. (H)	B.Sc. (H)	B.Com. (H)	SC TOTAL		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
Meghalaya	2579	842	552	63	67	32	2155	380	96	3345	628	403
Mizoram	2122	227	144	—	—	—	1338	145	43	3460	372	187
Nagaland	1497	210	396	—	—	—	899	58	78	2193	226	253
Orissa	42353	12410	9212	3979	857	521	19690	3515	1205	2669	720	493
Punjab	42838	5928	8448	11521	639	452	52197	6141	4804	—	—	—
Rajasthan	37177	16460	13501	3922	679	352	20200	6168	3872	2919	346	135
Sikkim	473	180	65	30	10	4	227	77	14	181	29	10
Tamil Nadu	11150	62596	23858	4252	13387	4883	10416	48767	15896	65	248	98
Tripura	3681	1450	1316	787	197	133	3242	540	40	297	70	25
U. P.	185381	54564	37989	37715	5055	2783	69841	13148	1692	802	174	76
West Bengal	60033	48203	62915	10163	7067	6030	92204	23206	6712	544	152	230
A. & N. Islands	559	179	118	—	—	—	518	149	44	—	—	—
Delhi	33490	7977	26901	4273	450	1977	34973	6535	8611	295	28	77

In the case of extension of affiliation to new subjects in the existing colleges, the infrastructure of the particular college, its teaching strength, academic record as evidenced by examination results, location, area served etc. are taken into consideration. Special importance is also given for according affiliation to new subjects in colleges which have higher SC/ST students population. Extension of affiliation to new subjects has been accorded in a good number of Govt. and Non-Govt. Colleges during 1997-98. Some colleges have more than one shift due to influx of student population.

SHIFT SYSTEMS IN COLLEGES

Chittaranjan College, Calcutta	M + D + E
Seth Anandaram Jaipuria College, Calcutta	M + D + E
Victoria Institution, Calcutta	M + D
New Alipore College, Calcutta	D + E
Barrackpore Rastraguru Surendranath College, N. 24-Parganas	D + E
Dum Dum Motijheel College, N. 24-Parganas	M + D
Gobardanga Hindu College, N. 24-Parganas (B. Ed.)	D + E
Narasingha Dutta College, Howrah	M + D + E
Uluberia College, Howrah (B. Ed.)	D + E
Bidhan Chandra College, Rishra, Hooghly	D + E
Midnapore College	M + D
B. B. College, Asansol, Burdwan	M + D + E
Burdwan Raj College	M + D. + E
Katwa College, Burdwan	M + D
M. U. C. Women's College, Burdwan	M + D
Sri Gopal Banerjee College, Bagati, Hooghly	M + D + E
Rampurhat College, Birbhum	M + D + E
Vidyasagar College, Suri	D + E
Ramananda College, Bankura	D + E
Malda College, Malda	M + D. + E
Hooghly Mohsin College	M + D + E
Taki Govt. College	M + D
Barasat Govt. College	M + D

Goenka College of Commerce	D + E
A. B. N. Seal College, Coochbehar	M + D
Durgapur Govt. College	M + D
Jhargram Raj College	M + D
Darjeeling Govt. College	M + D
Chandernagar Govt. College	M + D + E

M = Morning, D = Day, E = Evening

TABLE : EXAMINATION RESULT ETC.

Name of the College	Ratio of Students/Teachers	1996-97	
		Hons.	Pass
Presidency College	4.3	92%	NA
Lady Brabourne College	11.00	88%	NA
Maulana Azad College	19.0	96%	100%
Loreto College	19.0	96%	100%
St. Xavier's College	43.0	97%	88%
Savitri Girls' College	9.8	85%	59%
Krishnagar Women's College	10.7	77%	77.3%
Rammohan College	8.2	89%	56%
Maharaja Manindra Ch. College	28.2	77%	55%
Maharaja Srish Ch. College	39.3	75%	NA
Deshbandhu College for Girls'	31.8	100%	99%
Gurudas College	15.5	NA	NA
Vidyasagar (Day) College	28.0	42%	72%
New Alipore College	16.8	66.6%	77.2%
Prafulla Chandra College	67.0	NA	7%
South Calcutta Girls' College	15.2	76%	NA
City College (Day)	34.0	50%	NA
Netajinagar Day College	47.2	65%	65%
R. K. Mission College, Narendrapur	8.0	91%	99%
Fakir Chand College	9.0	73.2%	64%
Barrackpore Rastraguru Surendranath College	38.1	71.6%	84%
Nahata Jogendra Mondal College	35.0	25%	74%
Tarakeswar Degree College	35.4	45%	71%
Narasingha Dutta College	50.2	75%	NA
Haridas Nandi Mahavidyalaya	23.0	NA	50%
Vijaykrishna Girls' College	22.1	74%	NA
Uluberia College	54.0	NA	45%
R. K. Sarada Mission Vivekananda Vidyabhaban	13.6	95%	100%
Vivekananda College	24.0	50%	NA

* Data collected and compiled by the Planning & Statistics Section of the Education Directorate.

The other important factors which may be taken as responsible for good academic performance of colleges are regular holding of classes on the basis of Academic Calender, availability of good students, satisfactory library service etc. As regards the last factor it may be stated on the basis of available data that 'library facility' as available to students in most of the colleges needs to be improved as will be clear from the following table.

TABLE

DISTRICTWISE DISTRIBUTION OF COLLEGES

District	General degree (BA/BSc, B.Com) Colleges	B.Ed/ P.G.B.T. Colleges	Ph. Edn. Colleges	Law Colleges	Music Colleges	Art Colleges	Engg. Colleges	Tech. Colleges	Business Management	Special Institution	Total
Bankura	12	1	—	—	—	—	—	—	—	—	13
Burdwan	24 (1 Govt.)	1 (1 Govt.)	—	—	1	—	—	—	—	—	26
Birbhum	10	—	—	—	—	—	—	—	—	—	10
Calcutta	65 (6 Govt.)	4 (1 Govt.)	—	3	1	2 (1 Govt.)	—	2 (2 Govt.)	1	1	79
Coochbehar	09 (1 Govt.)	—	1 (1 Govt.)	—	—	—	—	—	—	—	10
Darjeeling	12 (1 Govt.)	2	—	—	—	—	—	—	—	—	14
Hooghly	23 (2 Govt.)	3 (2 Govt.)	1 (1 Govt.)	—	—	—	—	1 (1 Govt.)	—	—	28
Howrah	16	1	—	—	—	—	—	—	—	—	17
Jalpaiguri	10	1	—	1	—	—	1 (1 Govt.)	—	—	—	13
Malda	08	1 (1 Govt.)	—	—	—	—	—	—	—	—	09
Midnapore	32 (2 Govt.)	2	—	—	—	—	1 (Jt.)*	—	—	—	35
Murshidabad	15	1	—	—	—	—	—	1 (1 Govt.)	—	—	17
Nadia	13 (1 Govt.)	1	—	—	—	—	1 (1 Govt.)	—	—	—	15
North Dinajpur	05	1	—	—	—	—	—	—	—	—	06
North 24 Pgs.	35 (3 Govt.)	5 (1 Govt.)	1 (1 Govt.)	—	—	—	1	—	—	—	42
Purulia	09	1	—	—	—	—	—	—	—	—	10
South 24-Pgs.	25	1 (1 Govt.)	1 (1 Govt.)	—	—	—	—	—	—	—	27
South Dinajpur	04	—	—	—	—	—	—	—	—	—	04
Total	327	26*	4	4	2	2	4	4	1	1	375

*** 3 University Law Departments in C.U., B.U., N.B.U. (not included)

† B. E. College, Shibpur not included.

≠ One Law Department of Hooghly Mohsin College not included.

* University and College B.Ed. Departments are not included.

TABLE

HONS. TEACHING FACILITY IN DISTRICTS IN SOME SUBJECTS AS ON 31-3-98

District	SUBJECTS																
	English	History	Philo-sophy	Pol. Sc.	Econo-mics	Com.	Math.	Physics	Chemis-try	Botany	Zoology	Geo-graphy	Edu-cation	Comp. Sc.	Elect.	Micro-Bio.	Mol. Bio.
Bankura	5	9	3	5	3	3	3	2	3	3	5	3	—	—	1	—	—
Burdwan	16	14	9	13	7	8	10	9	10	5	6	3	—	—	—	—	—
Birbhum	5	7	2	7	4	2	6	4	5	2	3	—	—	—	—	—	—
Calcutta	44	40	26	40	28	21	27	20	20	13	11	10	5	1	—	—	—
Coochbehar	5	5	3	5	2	2	2	2	2	1	1	—	—	—	—	—	—
Darjeeling	5	5	4	4	4	3	3	3	4	4	5	3	1	—	—	—	—
Hooghly	13	16	7	12	7	11	12	9	8	6	8	2	—	—	—	—	—
Howrah	4	10	7	10	6	7	5	5	6	2	2	1	2	1	—	—	—
Jalpaiguri	6	6	2	3	3	2	2	3	3	—	1	—	—	—	—	—	—
Malda	5	3	5	6	5	2	3	2	3	1	1	2	—	1	—	—	—
Midnapore	17	27	12	21	11	13	13	8	12	3	8	4	—	—	—	—	—
Murshidabad	4	10	5	6	6	2	4	3	4	2	1	1	—	—	—	—	—
Nadia	7	8	3	3	2	—	2	3	2	—	1	1	—	—	—	—	—
North Dinajpur	2	2	2	2	1	1	1	1	1	1	1	1	1	—	—	—	—
North 24-Pgs.	18	18	4	15	14	10	14	10	12	6	9	2	4	1	3	1	1
Purulia	4	2	3	2	2	1	2	4	5	—	1	1	—	—	—	—	—
South 24-Pgs.	5	9	4	8	4	5	6	6	5	3	2	1	—	—	1	1	—
South Dinajpur	3	2	2	2	1	1	1	1	1	—	—	1	—	—	—	—	—

Table—Information regarding the number of books in the library of colleges.

TABLE

Colleges according to number of books in the College Library	
No. of Books	No. of Colleges
Less than 1000	98
1000—5000	64
5001—10,000	58
10,001—15,000	38
15,001—20,000	23
20,001—25,000	11
25,001—30,000	15
30,001—50,000	12
50,001—1,00,000	7
Above, 1,00,000	1
Total	327 Colleges

Involvement of teachers in research or other academic activities also helps in improving the quality of teaching.

It has also been observed that the female teachers show comparatively more interest in higher academic persuit that the male teachers.

TEACHING FACILITY IN SCIENCE IN UNDERGRADUATE COLLEGES

Amongst 327 General Degree Colleges in West Bengal only 218 Colleges have facility for Science teaching, at Pass and/or Hons. level. These science teaching colleges are, however, not evenly distributed throughout all the districts. The following table will show percentage of distribution of colleges with science teaching facility in the districts.

TABLE

District	Total No. of General Degree Colleges	Colleges having facility in Science teaching 1997-98		Percentage of Science Teaching Colleges to Total No. of Gen. Deg. Colleges
		No.	%	
Bankura	12	5	41.6	1.5
Burdwan	24	16	72.7	5.0
Birbhum	10	7	70.0	2.15
Calcutta	65	55	84.6	17.0
Coochbehar	9	6	66.6	1.18
Darjeeling	12	5	41.7	1.5
Hooghly	23	16	69.6	5.0
Howrah	16	12	75.0	3.7

(Table—Contd.)

District	Total No. of General Degree Colleges	Colleges having facility in Science teaching 1997-98		Percentage of Science Teaching Colleges to Total No. of Gen. Deg. Colleges
		No.	%	
Jalpaiguri	10	6	60.0	1.18
Malda	8	3	42.9	0.9
Midnapore	32	23	71.9	7.09
Murshidabad	15	9	60.00	4.2
Nadia	13	8	61.5	2.4
North Dinajpur	5	2	40.0	0.6
North 24-Parganas	35	24	68.5	7.09
Purulia	9	6	60.0	1.8
South Dinajpur	4	1	25.00	0.3
South 24-Parganas	25	18	78.8	5.24
Total	327	221		

It is seen from the table that in Calcutta Corporation area about 84.6% colleges have facility for Science teaching while in remote districts like Malda and Coochbehar the same is about 42.9% and 66.6% respectively. Moreover, while Calcutta Corporation area contains 17.0% of the total Science teaching colleges in the State, South Dinajpur contains only 0.3% of the same. Contribution of the colleges in the northern part of this State which is called "North Bengal" towards Science teaching is small. The picture has much improved during 1995-97 if we see the distribution of Science teaching colleges within the districts from Table above. It will be evident that the science teaching colleges are located mostly in district or sub-divisional headquarters, i.e., urban area and at the degree level it has not been able to penetrate much into the rural areas as yet. Although a good number of colleges have been established after 1977 in rural areas, it will take sometime todevelop proper infrastructure in most of those colleges for teaching Science.

Most of the Science teaching colleges teach Physical Sciences (Physics/Chemistry). Life Sciences (Botany/Zoology/Physiology) are taught in much lesser number of colleges. Subjects like Statistics, Geology, Computer Science, Electronics, etc. are taught in a limited number of colleges although there is great demand for those subjects. In view of the above the Higher Education Department has decided to sanction affiliation for Science teaching (Pass & Honours) in 12 colleges during 1997-98. Computer Education and Electronics have been introduced in 23 Colleges in both pass and honours level.—Also teaching affiliation has been accorded for emerging subjects like Micro-Biology, Mol. Biology etc. during the current year in a number of Colleges.

TEACHING FACILITY IN COMMERCE IN DEGREE COLLEGES

Enrolment in B. Com. Course is much less as compared to that in B.A. & B.Sc. Courses. Ratio of student strength in those courses in this State is 1 : 0.6 : 0.43. The reasons for smaller number of students undergoing B. Com. course are mainly two—first, most of the students passing out of the Madhyamik Examination opt for either Science stream or Arts stream, according to their choices and aptitudes. Very few of them opt for the Commerce stream. Hence, percentage of those students getting admission in B. Com. Degree Class after Higher Secondary is not very large. Of course, a fraction of the students who fail to get admission in B.A. or B.Sc. Degree Course add to this number. Secondly, the number of colleges offering teaching facility in commerce is also small as compared to the facility in Arts teaching or Science teaching. The following table will show the number of such colleges in Calcutta and districts. The State Government has opened Commerce Course in 6 more Colleges in 1996-97 and 20 Colleges in West Bengal has been strengthened with provision of commerce teaching in pass and honours subjects in recent years.

TABLE : Number & percentage of Colleges in districts offering facility in Commerce teaching

DISTRICT	NUMBER OF GENERAL DEGREE COLLEGES	NO. OF COLLEGES OFFERING COMMERCE TEACHING FACILITY	
		1997-98 NO.	PERCENTAGE
Bankura	12	6	50.0
Burdwan	24	14	55.0
Birbhum	10	8	80.0
Calcutta	65	36	51.1
Coochbehar	9	2	28.5
Darjeeling	12	4	33.3
Hooghly	23	18	78.2
Howrah	16	15	93.7
Jalpaiguri	10	4	40.0
Malda	8	3	37.5
Midnapore	32	20	62.5
Murshidabad	15	6	40.0
Nadia	13	10	77.0
North Dinajpur	5	1	20.0
North 24-Parganas	35	19	54.3
Purulia	9	5	55.6
South Dinajpur	4	2	50.0
South 24-Parganas	25	16	66.6
	327	118	

It may be noted from the above table that only 118 colleges offer teaching in Commerce. As regards districtwise distribution of those colleges, percentage of those colleges is high in only 6 districts, namely, Howrah, Hooghly, Burdwan, Birbhum, Nadia and South 24-Parganas, but in other districts it is very low though the picture has measurably changed after 1997 (See appendix IB).

GIRLS' COLLEGE

The principles of *equity* demands expansion and promotion of Girls' education. The distribution of girls' colleges are shown below :

TABLE : Number of girls' Colleges in District

DISTRICT	NO. OF GIRLS' COLLEGE	COLLEGE WITH HOSTEL FACILITY
Bankura	01	01
Burdwan	04	04
Birbhum	—	—
Calcutta	25	7
Coochbehar	01	01

(Table—Contd.)

DISTRICT	NO. OF GIRLS' COLLEGE	COLLEGE WITH HOSTEL FACILITY
Darjeeling	03	—
Hooghly	06	05
Howrah	01	—
Jalpaiguri	01	01
Malda	01	01
Midnapore	02	02
Murshidabad	01	01
Nadia	01	01
North Dinajpur	—	—
North 24-Parganas	04	02
Purulia	01	01
South Dinajpur	01	01
South 24-Parganas	02	02

It may be mentioned that there are girls' colleges in all districts excepting in Birbhum and North Dinajpur. The girls'college which is oldest in this State is Bethune College, which was started in 1879 and the one which is youngest is Arambag Girls' College which has been started in 1996. Besides the above mentioned colleges, there are some professional colleges (Teachers' Training/Fine Arts/Home Science etc.) which are meant for girl students only. Recently a Girls' hostel for the Presidency College has been constructed in Salt Lake city, Calcutta. Other measures are under active consideration of the Government.

GAMES AND SPORTS IN DEGREE COLLEGES

FACILITIES

Although games and sports are not included into regular curricular programme of General Degree colleges, adequate importance has been given to the organisation of the same in those colleges. There are posts of Physical Instructor/Physical Instructress in all Govt. colleges, and in some non-Govt. colleges. They are entrusted with the responsibility of organising games and sports in respective colleges. Grants have been released during recent years towards many colleges for purchase of equipments for games and sports.

GOVERNMENT COLLEGES

Most of the Govt. Colleges have no playground, within or outside campus. Nevertheless, the students of colleges are encouraged to participate in games and sports. An Inter-govt. College Athletic Meet is held every year.

NON-GOVERNMENT COLLEGES

The picture of the non-Govt. colleges is slightly different. It is seen from available data that 105 colleges have playground attached to those colleges, while 25 colleges have playground outside the campus. But the playground of most of those colleges are not spacious enough for holding popular games like football or cricket.

HOSTEL FACILITIES IN COLLEGES

All the Engineering and Technological Colleges have hostel facility. All the Govt. Teachers' Training Colleges, excepting one, have this facility. Amongst the Govt. General Degree Colleges however only ten colleges have it.

Amongst the non-Govt. colleges, (General Degree and Teachers' Training) ninety-three colleges offer this facility. Number of non-Govt. colleges in each district having hostel facility is shown below :

TABLE : NUMBER OF COLLEGES IN DISTRICTS OFFERING HOSTEL FACILITY

DISTRICT	NO. OF GOVT. COLLEGES WITH APPROVED HOSTEL FACILITY			NO. OF NON-GOVT. COLLEGES WITH APPROVED HOSTEL FACILITY		
	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
Bankura	—	—	—	6	1	7
Burdwan	1	—	1	4	4	8
Birbhum	—	—	—	6	—	6
Calcutta	3	2	5	3	5	8
Coochbehar	1	1	2	1	—	1
Darjeeling	1	—	1	—	2	2
Hooghly	1	2	3	3	5	8
Howrah	—	—	—	2	—	2
Jalpaiguri	—	—	—	1	1	2
Malda	1	—	1	1	1	2
Midnapore	1	2	3	3	5	8
Murshidabad	—	—	—	6	1	7
Nadia	1	—	1	1	1	2
North Dinajpur	—	—	—	—	—	—
North 24-Parganas	2	—	2	6	2	8
Purulia	—	—	—	2	1	3
South Dinajpur	—	—	—	1	1	2
South 24-Parganas	—	2	2	3	2	5
	12	8	20	49	32	81

TABLE

Financial aspect : Government and Non-Government Colleges (Rs. in thousand)

	N. P.	State Plan (Annual)	7th Plan committeed
1991-92	1,07,02,20	3,86,000	2,90,50
1992-93	1,31,11,59	4,00,000	403,38
1993-94	1,38,09,52	4,88,570	3,76,57
1994-95	1,82,19,77	5,10,470	67,420
1995-96	3,93,28,21	2,30,000	*
1996-97	3,25,56,64	2,53,000	*
1997-98	3,63,71,16	3,50,000	*

The figures from the above indicates that the State Government, has financial constraints, on Non-Plan, State Plan and 7th Plan committed heads. Still the Government has been trying to devote funds for establishment of new colleges, their consolidation and improvement, and also for various other purposes to raise the quality of undergraduate education.

TABLE

DEMOGRAPHY AND COLLEGES

Name of the District	Comparative Area size 1991	Comparative pop. size 1991	Sex Ratio	Density of Population per km.	No. of General Degree Colleges	No. of Technological/ Professional College
Bankura	7.75%	4.12%	949	407	12	01
Burdwan	7.91%	9.91%	898	851	24	03
Birbhum	5.12%	2.78%	946	562	10	00
Calcutta	0.21%	6.46%	797	23,670	65	13
Coochbehar	5.82%	3.18%	934	637	09	01
Darjeeling	3.55%	1.96%	923	424	12	02
Hooghly	3.55%	6.40%	909	1,150	23	05
Howrah	1.65%	5.47%	878	2,535	16	02
Jalpaiguri	7.02%	4.10%	928	448	10	03
Malda	4.21%	3.87%	939	706	8	01
Midnapore	15.80%	12.28%	944	593	32	03
Murshidabad	6.00%	9.96%	945	889	15	02
Nadia	4.42%	5.68%	938	980	13	02
North Dinajpur	—	—	—	—	05	01
North 24-Pgs.	4.61%	10.71%	909	1.778	35	06
Purulia	7.05%	3.26%	945	354	9	01
South 24-Pgs.	11.21%	8.40%	929	575	25	02
South Dinajpur	6.04%	4.60%	930	585	04	00

CHAPTER – VIII

PROFESSIONAL COURSES

- Teachers' Training
- Physical Education
- Art Education
- Law Education
- Computer Education
- Business Management
- Music
- Commercial Education

CHAPTER – VIII

PROFESSIONAL COURSES

Teachers' Training, Physical Education, Art, Music, Law and Home Science Colleges constitute professional Colleges. Districtwise break up of such colleges is shown in the Table below :

TABLE

	COLLEGE OF							INSTITUTE OF	
District	B.Ed.	PGBT	Phy. Edn.	Art	Music	Law	Home Sc.	Management	English
Bankura	1	—	—	—	—	—			
Burdwan	1	—	—	—	1	—			
Birbhum	—	—	—	—	—	—			
Calcutta	3	—	—	2	1	3	1	1	1
Coochbehar	—	—	1	—	—	—			
Darjeeling	2	—	—	—	—	—			
Hooghly	3	—	1						
Howrah	1	—	—	—	—	—			
Jalpaiguri	1	—	—	—	—	1			
Malda	1	—	—	—	—	—			
Midnapore	2	—	—	—	—	—			
Murshidabad	1	—	—	—	—	—			
Nadia	1	—	—	—	—	—			
North Dinajpur	1	—	—	—	—	—			
North 24-Parganas	5	1	1	—	—	—			
Purulia	1	—	—	—	—	—			
South Dinajpur	—	—	—	—	—	—			
South 24-Parganas	1	—	1	—	—	—			
Total	**25**	**01**	**04**	**02**	**02**	**04**	**01**	**01**	**01**

TEACHERS' TRAINING

Teachers' Training Colleges fall into two categories : (a) B.Ed./PGBT Colleges & (b) Physical Education Colleges.

(a) The former type of colleges offer almost 1 year course leading to B.Ed. Degree or PGBT Diploma. Those are meant for secondary school teachers teaching subjects like English, Bengali, Mathematics, Physics, History, Geography, Chemistry, Sanskrit and other School Subjects.

(b) The latter type of colleges offer 1 year course leading to B.P.Ed. Degree. The course is meant for the teachers teaching physical education in secondary schools.

(c) There is only one institution in this State which offers diploma course in English language teaching.

LIST OF SECONDARY TEACHERS' TRAINING COLLEGES IN WEST BENGAL WITH THEIR INTAKE CAPACITY

NAME OF THE SECONDARY TEACHERS' TRAINING COLLEGE	INTAKE CAPACITY
A. GOVT. B. ED. COLLEGES	
David Hare Training College, 25/3, Ballygunge Circular Road, Calcutta-700 019.	240
Institute of Education for Women, Hasting House, Alipore, Calcutta-700 027.	250
Government Training College, Hooghly, P.O. & Dist. Hooghly.	160
Government College of Education, Burdwan, Kazirhat, P.O.-Lakhardi, Dist.-Burdwan.	65
Institute of Education for Women, Chandernagore, Dist. Hooghly.	200
Government Teachers' Training College, P.O. & Dist.-Malda.	200
Government College of Education, Banipur, P.O.-Banipur, Dist.-24-Parganas (North).	130
B. GOVT. SPONSORED B. ED. COLLEGES	
A.C. Training College, P.O. & Dist.-Jalpaiguri.	120
Sree Ramkrishna B.T. College, Darjeeling, Bagmari House, P.O. & Dist.-Darjeeling.	140
Sevayatan B.T. College, P.O.-Sevayatan, Dist.-Midnapore.	120
R. K. Sikshan Mandira, B. Ed. College, P.O.-Beluramath, Dist.-Howrah.	200
Sponsored Teachers' Training College, P.O. & Dist.-Purulia.	200
Raiganj B. Ed. College, Karnojora Housing Estate, P.O.-Raiganj, Dist.-West Dinajpur.	50
C. GOVT. SPONSORED POST GRADUATE BASIC TRG. COLLEGE	
Ramkrishna Mission Boys' Home, Brahmananda Post-Graduate Basic Training College P.O. Rahara, Dist. 24-Parganas (North).	120

NAME OF THE SECONDARY TEACHERS' TRAINING COLLEGE	INTAKE CAPACITY
D. B. ED. COLLEGES (NON-GOVERNMENT)	
Union Christian Training College, P.O. Berhampore, Dist.-Murshidabad.	220
Shimurali Sachinandan College of Education Shimurali, Dist.-Nadia.	150
R. K. Saradapith (B.Ed. College) P.O. Anur, Dist.-Hooghly.	200
Nikhil Banga Sikshan Mahavidyalaya, P.O. Bishnupur, Dist.-Bankura.	150
Vidyasagar Teachers' Training College, P.O. & Dist.-Midnapore.	200
Gopal Chandra Memorial College of Education P.O. New Barrackpore, Dist.-24-Parganas (North)	150
Gandhi Centenary B. T. College, P.O. Habra, Dist.-24-Parganas (North)	168
A. B. T. T. College, Calcutta P-14, Ganesh Chandra Avenue, Calcutta-700 013	200
Calcutta Girls' B. T. College, 6/1, Swinhoe Street, Calcutta-700 019.	175
Nandalal Ghosh B. T. College, P. C. Madral, Dist.-24-Parganas (North)	150
Siliguri B. Ed. College, P.O.-Kadamatala, Siliguri, Dist.-Darjeeling.	75
E. UNIVERSITY B. ED. DEPARTMENTS	
Teachers' Training Department, Calcutta University, U. C. A. C., Alipur Campus, 1, Reformatory Street, Calcutta-27.	185
Vinaya Bhawan, Viswa Bharati University, Santiniketan, Dist.-Birbhum.	120
Kalyani University, P.O. Kalyani, Dist.-Nadia	160
University B. T. College (North Bengal University) P.O. & Dist. Cooch Behar.	143
Jadavpur Vidyapith College of Education, Jadavpur University, Calcutta-32.	220
University Institute of Science Education, University of Burdwan, P.O. & Dist.-Burdwan.	100
B. Ed. Department, Rabindra Bharati University	NA.

NAME OF THE SECONDARY TEACHERS' TRAINING COLLEGE	INTAKE CAPACITY
F. DEPARTMENTS OF NON-GOVERNMENT DEGREE COLLEGE	
B. Ed. Department, St. Xavier's College, 30, Park Street, Calcutta-700 016.	100
B. Ed. Department, Scottish Church College, 1 & 3, Urquhart Square, Calcutta-700 006.	60
B. Ed. Department, Sree Sikshayatan College, 11, Lord Sinha Road, Calcutta-16.	150
Acharya J. C. Bose College, 1/1A, Acharya J. C. Bose Road, Calcutta-700 020.	200
B. Ed. Department, Loreto College, 7, Middleton Row, Calcutta-700 071.	40
B. Ed. Department, Fakirchand College, Diamond Harbour, Dist.-24-Parganas (South).	150
B. Ed. Department, Gobardanga Hindu College, P.O.-Gobardanga, Dist.-24-Parganas (North).	200
B. Ed. Department, Uluberia College, P.O.-Uluberia, Dist.-Howrah.	300
B. Ed. Department, Bijoy Krishna Girls' College, 5/3, Mahatma Gandhi Road, Dist.-Howrah.	250
B. Ed. Department, Panskura Banamali College, P.O.-Panskura, Dist.-Midnapore.	125
B. Ed. Department, Contai P.K. College, P.O.-Contai, Dist.-Midnapore.	200
B. Ed. Department, Tamralipta Mahavidyalaya, P.O.-Tamluk, Dist.-Midnapore.	200
B. Ed. Department, Katwa College, P.O.-Katwa, Dist.-Burdwan.	100
B. Ed. Department, Kalna College, P.O.-Kalna, Dist.-Burdwan	150
B. Ed. Department, Yogoda Satsanga Palpara Mahavidyalaya, P.O.-Palpara, Dist.-Midnapore.	125
G. TRAINING INSTITUTE	
Institute of English, Calcutta 119, S. P. Mukherjee Road, Calcutta-700 019.	80

Amongst the B. Ed. Colleges only three are meant exclusively for women candidates. There are education departments in 7 Universities and 15 General Degree Colleges where B. Ed./P. G. B. T. courses are conducted. Besides there are also 24 exclusive B. Ed. Colleges in the State. There is one special Institute which imparts training in English only.

ENROLMENT

Total number of seats in B. Ed./PGBT Colleges and Education Departments of universities and colleges is about 7600 at present. Fifty percent of the seats in B. Ed./PGBT Colleges is earmarked for deputed teacher candidates. It may be mentioned that B. Ed. or PGBT is an essential qualification for recruitment of teachers for secondary schools. However, there is some backlog of untrained secondary school teachers who are deputed for undergoing B. Ed. course. The oldest Teachers' Training College in this State is David Hare Training College which started functioning in 1908-09. The youngest one is Siliguri B. Ed. College which started in 1990-91 with intake of 75. In recent years it has been found that a good number of seats in the deputed quota in B. Ed. Colleges remain vacant.

PHYSICAL EDUCATION

Manifold activities in Physical Education in Higher Education level of this state is progressing satisfactorily. This year 9th Inter Govt. College Athletic Championship and 7th Inter Govt. College Football Tournament were held at Yuba Bharati Krirangan, Salt Lake, Calcutta from 16th March to 22nd March, 1998. A number of 260 Boy and Girl students of 18 Govt. Colleges took part in this Championship Govt. patronized this programme with all necessary co-operation.

Some pieces of land have been obtained at the disposal of the Education Department which is given by the Department of Agriculture as gift at Chinsurah Rice Research Center for construction of Govt. Physical Education College for Women, Hooghly. Preparation for construction work is in process. Apart from this :

(i) Govt. has been giving monetary assistance to non-Govt. Physical Education Colleges for smooth running of the colleges.

(ii) State Govt. is sanctioning each year allotment for the Govt. Degree Colleges for the development of the sports and games.

(iii) This year, Govt. has accorded Rs. 8,00,000 for the Construction of Adm. Building and Rs. 25,04,000 for the construction of boundary wall of Post Graduate Trg. College for Physical Education at Banipur.

(iv) Already Rs. 7 Lakh has been spent for the construction of boundary wall of new site purchased for the Govt. College of Phy-Edn. for Dinhata.

Of late, the state has introduced post-graduate course in Physical Education at Banipur, North 24-Parganas. Teaching affiliation for physical education has been accorded to three colleges in Midnapore district. Similar proposals are under active consideration of the State Government.

A list of Physical Education Colleges is given below :

A. University :
- Jadavpur University.—MPED
- Kalyani University.—BPED & MPED.

B. Physical Education Colleges :
- Post Graduate Teachers Training College for Physical Education, Banipur, North 24-Parganas.—BPED & MPED
- Nikhil Banga Sikshak.
  Mayavidyalaya, Bishunpur, Bankura—BPED
- Institute of Physical Education.
  Hastings House, Alipore, Calcutta (for women only)—BPED
- Government College of Physical Education for Women, Hooghly—BPED.
- Government College of Physical Education for Women, Dinhata, Coochbehar—BPED
- Physical Education Department, Midnapore College.
- Physical Education Department, Garbeta College.
- Seva Bharati Mahavidyalaya, Kapgari, Midnapore.

ART EDUCATION

GOVERNMENT COLLEGE OF ART AND CRAFT

Venue : 28, Jawaharlal Nehru Road, Calcutta-700 016 (Phone : 249-2027)

There are two Art Colleges in this state, one of them is a Government College and the other is a Non-Government College, supported as usual, by the Government for its maintenance. The Government Art college was originally stated as School of Art in 1864 and it was subsequently upgraded as Government College of Art and Craft in 1950. The original building was constructed on the pattern on the Royal College of Art, London. The construction of Craft Building was completed in 1950. A four storied annexe building was completed in two stages in 1983 and 1994 respectively.

COURSES OF STUDY AND OTHER ACTIVITIES

5 years Integrated Course : Preparatory Course (equivalent to H. S.) —2 years
Bachelor of Visual Arts (BVA) —3 years
(Affiliated to Calcutta University) introduced in 1981.
Master of Visual Arts—to be started soon
Annual Exhibition—a part of the curriculum for exposition of the students' talent.

Scholarship awarded to the students by different bodies :—

Brush Wood Scholarship	—3 Students
All India Fine Arts and Crafts Society Scholarship	—3 ,,
Ravi Jain Memorial Scholarship	—3 ,,
Shyama Das Sengupta Scholarship	—1 ,,
Sunil Das Scholarship	—2 ,,
Academy of Fine Arts Award	—1 ,,

THE INDIAN COLLEGE OF ARTS AND DRAFTSMANSHIP

Venue : 72, Dum Dum Road, Calcutta-700 074

Establishment year—1893
—an institution of National Education Movement
Affiliated to Rabindra Bharati University in 1996-97

COURSES in Bachelor of Visual Arts : 5 yr. integrated course (Preparatory—2 yr. Specialisation—3 yr.)
Specialisation—Painting, Sculpture, Applied Art (Commercial Arts).
(Equivalent to Honours Course)

B.V.A. Preparatory Examination—2nd year

Division of subjects and papers—Total Marks—800				Exam.	Assessment.
English	—100	(i) Terminology	—100		
Bengali/Alt.		(ii) Story of Art	—100		
English	—100				
Theory of Art	—200				
Practical (4 papers)	—400	(i) Drawing/Painting	—100	70	30
		(ii) Sculpture	—100	70	30
		(iii) Graphics	—100	70	30
		(iv) Applied Art	—100	70	30

B.V.A. Final Examination—

Theory (3 papers)	—300	3rd, 4th and 5th yrs.
Practical (Study and drawing)	—300	University Examination in 5th year.
Composition	—400	

Eligibility : Madhyamik or equivalent

Maximum Age : 20 years.

PAINTING

COMPULSORY STUDY COURSES

	F.M.	Exam.	Assessment.
Study	300	210	90
Composition	400	280	120

EXAM.

(i) Preparatory—30% minimum in each subject
(ii) 60% or more—Class–I
(iii) 40% or below 60%—Class–II
(iv) 30% to below 40%—P. Din.

COMPULSORY THEORY SUBJECTS

		F.M.	Exam.	Assessment.
(1)	Aesthetics Half—I Half—II Paper—I	100	70	30
(2)	Indian Art Half—I Half—II	100	70	30
(3)	Western Art Half—I Half—II	100	70	30

APPLIED ART

Study	300	210	90
Composition	400	280	120

COMPULSORY THEORY SUBJECTS

(i) Advertising Art and Ideas, Paper—I Half–I—Introduction to Advertisement.	100	70	30
(ii) Indian Art	100	70	30
(iii) Western Art Half–I, Half–II	100	70	30

SCULPTURE

Study	300	210	90
Composition	400	280	120

Compulsory Theory Subjects as in 'painting' above.

Enrolment ... Day & Evening—389

Results ... 1993-94 (as available)

Appeared	Passed	1st Class	2nd Class
68	68	12	56

It has now been upgraded to a Degree College offering degrees in 1996-97.

LAW EDUCATION

The first introduction of law education in India can be traced to the year of 1827 when that course was introduced in Hindu College. When Presidency College came into being in 1855 law education became an integral department

of higher education. Variour factors, however, compelled this law department to be abolished in 1884 and the Ripon College (now Surendranath College) was granted affiliation to teach B.L. in 1885. The next major step in law education of the State was taken when Calcutta University opened its law college in 1909. Since 1970 four more law colleges have come up, along with law colleges at North Bengal and at Burdwan Universities. The academic status of law education has however, fluctuated over the decades. Initially, it had attracted brilliant scholars and produced most of the legal luminaries of the 19th century. After the First World War, however, the legal profession became overcrowded and this overcrowding has been the continuous feature till today. After the Independence, legal graduates came to be in high demand due to industrial and commercial growth, and expansion was allowed to suit the emerging demands of banks, commercial houses, insurance companies, Government service and public sector enterprises etc. Previously, the study of law comprised of 3 yr. courses everywhere but of late there has been a major innovation in the introduction of a 5-year integrated course on the recommendations of the All India Bar Council. The course starts beyond the H.S. stage and in the first 2 yrs. the syllabus includes, apart from some basic law courses, English, Political Science, History and allied subjects. The last three years are to be devoted to the teaching of law subjects only. Still however, the uniformity in the structure and duration of courses under different Universities is lacking. The present position in legal education in the State is enumerated below in a summary form :

TYPE OF COURSES

(i) LL. M.—3 University Departments

(ii) LL. B.—5 Colleges & 3 University Departments

LL. M. COURSE

COLLEGE	INTAKE					DURATION
	M.	F.	S. C.	S. T.	TOTAL	
(a) Calcutta University						
Regular	6	2	2	—	10	2 yrs. : Day
External	11	0	3	—	14	
(b) Burdwan University	12	1	3	—	16	do
(c) North Bengal University	16	6	2	—	24	do : Day

LL. B. COURSE

CALCUTTA UNIVERSITY

(i) Preliminary (ii) Intermediate (iii) Final

5 yrs. course 10 + 2 only basis and not graduation

COLLEGE	INTAKE					DURATION
	M.	F.	S. C.	S. T.	TOTAL	
(a) Calcutta University Law Department. Hazra Road, Calcutta-19 Ph. : 475-1766/5801	192	128	89	1	320	Whole time course Day or Morning
(b) Jogesh Ch. Choudhury Law College 30 Prince Anwar Shah Road, Calcutta-33, Ph. : 473-4622	247	73	39	2	320	Morning

(c) South Calcutta Girls' Law College Swinhoe Street, Calcutta-19 Ph. : 440-8182	—	—	—	—	320	Morning
(d) Surendranath Law College Mahatma Gandhi Road, Calcutta, Ph. : 350-2596	225	95	87	3	320	Morning

UNIVERSITY OF BURDWAN, GOLAPBAG

(i) Preliminary (ii) Intermediate (iii) Final

3 yrs. after graduation 40% or Hons./Master in any subject

COLLEGE	INTAKE					DURATION
	M.	F.	S. C.	S. T.	TOTAL	
Hooghly Mohsin College	65	15	21	1	80	Afternoon, 2 p.m.

NORTH BENGAL UNIVERSITY

(i) Lateral 5 yrs. after 10 + 2 (40%), (ii) LL. B. 3 yrs. after Pass or Hons.

COLLEGE	INTAKE					DURATION
	M.	F.	S. C.	S. T.	TOTAL	
(a) University of Law College	179	110	30	12	289	Day
(b) Jalpaiguri Law College						
—Preliminary	350	235	53	59	585	Day
—Intermediate	194	161	33	—	355	Day
—Final	140	113	27	17	253	Day
(c) Sikkim Law College	—	—	—	—	—	Day

COMPUTER EDUCATION

Of Late, Computer Education has been introduced in colleges and two universities in the State with assistance of the Institute of Computer Engineers (India) during 1994-95. There are different levels of Computer Education. These are DCA (Dip. in Computer Appreciation), GDCA (Graduate Diploma in Computer Application), and PGDSE (Post Graduate Diploma in Software Engineering) etc. The Govt. is keenly interested in opening more such centres in different colleges in the coming years so that the Undergraduate and P.G. level courses become more relevant and employment-oriented. The districtwise break-up of the colleges is as follows :

UNIVERSITY

The Rabindra Bharati University, Calcutta

The Bidhan Chandra Krishi Viswavidyalaya, Nadia

District	No. of Colleges
1. Bankura	1
2. Birbhum	1
3. Burdwan	3
4. Calcutta	9

5.	Coochbehar	3
6.	Darjeeling	1
7.	Howrah	1
8.	Hooghly	3
9.	Jalpaiguri	1
10.	Murshidabad	3
11.	Midnapore	5
12.	Nadia	4
13.	North Dinajpore	1
14.	North 24-Parganas	9
15.	Purulia	1
16.	South Dinajpore	1
17.	South 24-Parganas	6

The Computer Education Programme is conducted by Webel Informatics Limited (A Govt. of West Bengal Undertaking). The names of Colleges are given below as available.

UNDER UNIVERSITY OF CALCUTTA

St. Pauls College of Cathedral Mission, Calcutta ; Bhairab Ganguly College, Belgharia ; Mrinalini Dutta Mahavidyapith, Birati ; Maharani Kashiswari College, Calcutta ; Nabadwip Vidyasagar College, Nabadwip ; Barasat Govt. College, Barasat ; Acharya Prafulla Chandra College of Commerce, New Barrackpore ; Haringhata Mahavidyalaya, Haringhata.

UNDER UNIVERSITY OF BURDWAN

A. K. P. C. Mahavidyalaya, Bengai ; Khalisani Mahavidyalaya, Khalisani ; Kalna College, Kalna ; Guskara Mahavidyalaya, Guskara ; Katwa College, Katwa ; Burdwan Raj College, Burdwan ; Memari College, Memari ; Bolpur College, Bolpur ; Netaji Mahavidyalaya, Arambag ; Sri Ramkrishna Sarada Vidyamahapith, Kamarpukur ; Bankura Sammilani College, Bankura ; Sonamukhi College, Sonamukhi ; Birbhum Mahavidyalaya, Suri ; Krishna Chandra College, Jhalda ; Achhuram Memorial College, Jhalda ; J. K. College, Ketika ; Nistarini College, Purulia ; B. B. College, Asansol ; Shyamsundar College, Shyamsundar.

UNDER VIDYASAGAR UNIVERSITY

Panskura Banamali College, Panskura ; Rabindra Satabarsiki Mahavidyalaya, Ghatal ; Jhargram Raj College, Jhargram.

UNDER NORTH BENGAL UNIVERSITY

Malda College, Malda ; Chanchal College, Chanchal ; A. B. N. Seal College, Cooch-Behar.

BUSINESS MANAGEMENT

INDIAN INSTITUTE OF SOCIAL WELFARE AND BUSINESS MANAGEMENT

College Square West, Calcutta-700 073, Phone No. 241-3756/1957/3648

Establishment year : 1893, Director—Dr. A. C. Roy

This is the first management institute of the country. It was set up with the co-operation of Calcutta University and the business community of the country. Both the Govt. of India and Govt. of West Bengal provide grants to meet part of the expenses of the institute. Dr. B.C. Roy, Chief Minister of West Bengal laid the foundation stone of the present building of the institute in 1952.

COURSES

—2 yr. (Day) and 3 yr. (evening) Master of Business Administration (MBA) of Calcutta University.

—3 yr. P. G. Diploma Programme in H. R. Management—Evening (PGDHRAM).

—3 yr. P. G. Dip. Programme in Business Management (PGDBM)—Evening.

—2 yr. Day and 3 yr. Evening P. G. Dip. Programme in Public Systems Management (PSM) in Environment, Transport, Energy and Hospital Management.

—1 yr. Dip. Programme in Management of Industrial safety. (DIS)—Day.

—1 yr. Programme for social work (Labour Welfare) (DSW)—Day of Calcutta University.

MBA (DAY AND EVENING) AND D.S.W. ARE AFFILIATED TO CALCUTTA UNIVERSITY AND OTHER COURSES ARE RECOGNISED BY AICTE, MHRD. GOVT. OF INDIA ; M.B.A. (DAY AND EVENING) AND DSW ARE RECOGNISED BY THE STATE GOVERNMENT.

—16 months Dip. Programme in Travel and Tourism Management.

—1 yr. Course on Computer Application in collaboration with CMC.

—Management Development Programmes (MDPS).

Courses PGDBM, PGDHRM & PSM are recognised as equivalent to MBA.

The Institute has also established 'IAS Study Centre' with the support of Govt. of West Bengal.

ELIGIBILITY FOR ADMISSION

MBA (Day & Evening)—Hons. degree or its equivalent in Engineering, Medical degree etc. from any recognised University.

PSM (a) Environment Management, Engineering Graduates/Science Graduates with Bio-Science/Chemistry

(b) Energy Management—Graduate with Engineering/Physics

(c) Transport Management—Economics, Engineering and Commerce Graduates.

(d) Hospital Management—Degree of Medical Science/ Pharmacy/Biological Science.

PGDBM & PGDHRM—A Bachelor degree in any discipline from a recognised University ; have experience as Executive/Supervisor for at least one year and be sponsored by their employers.

DSW—A graduate and working as Labour Welfare Officer/Personnel Officer or in higher position and be sponsored.

Dip. in Management of Industrial Safety : Diploma in Industrial Safety. (Further detail will be available with the Institute).

Examination result for the year 1997–98 (Upto 28.2.98)

Courses	No. of Students appeared in the Exam.	No. of Students passed in the Exam.
MBA (Day) :	65	63
MBA (Evening) :	68	68
PGDBM :	139	131
PGDHRM :	46	45

PSM—Transport Management (DAY)	:	35	35
–do– (Evening)	:	7	7
Hospital Management (Day)	:	33	32
–do– (Evening)	:	9	9
Environment Management (Day)	:	34	34
–do– (Evening)	:	11	11
Energy Management (Day)	:	25	25
–do– (Evening)	:	—	—
Diploma in Industrial Safety	:	21	Result not yet out
DSW	:	106	–do–
Computer Application	:	52	52
Tourism	:	60	60

MUSIC

BENGAL MUSIC COLLEGE

P-1, C.I.T. Scheme LXXII ; Gariahat Road,
Calcutta–700 029, Ph. 466-2692

Affiliated to Calcutta University, Established : 1940

OBJECTIVE

The Bengal Music College has been established to extend systematic training in the field of Indian Classical Music, Rrabindra Sangeet, Folk Songs of Bengal, Thumri, Bhajan, Puratani and Modern Bengali Songs etc. The College has distinguished itself as a pioneer in the field of Music Education in West Bengal. The records of its development now spans over a few decades during which a protest concepts had considerable impact on the educational and cultural life of West Bengal and the college showed a spectacular progress in the field of teaching music. Music as elective subject of two years B.A./B.Sc. Degree Course and course of Calcutta University are being taught in this college with great care.

Name of Course	Duration	Intake Capacity	
B. Mus. (Pass)	2–yrs.	50	(including SC/ST)
B. Mus (Hons.)	3–yrs.	20	–do–
Music as elective subject of B.A./B.Sc. Class	2–yrs.	200	–do–

Padmaja Naidu College of Music at Burdwan offers degree course (B. Mus.) and also diploma/certificate in Rabindra Sangeet and Classical and Instrumental Music.

Visva-Bharati and Rabindra Bharati Universities have their own Music Colleges, offering U. G. and P. G. degrees and diplomas.

COMMERCIAL EDUCATION

BOARD OF COMMERCIAL EDUCATION

210, B. B. Ganguly Street, Calcutta–700 012
Phone : 241-2216

This is a Board functioning directly under the control of Higher Education Department. It conducts Government Commercial Course Special Examinations for testing proficiency in typewriting (English, Bengali and Hindi),

Modern English, Accountancy, Advanced Book Keeping, Junior Book Keeping, Accountancy and Stenography (English and Bengali). The number of candidates appearing at the said examinations in 1996–97 was 5327 and the number of successful candidates was 1683.

RAMAKRISHNA MISSION ASHRAMA COMMERCIAL INSTITUTE

NARENDRAPUR, 24–PARGANAS (S)

The Institute was established in January, 1959, by the Ministry of Rehabilitation, Government of India, under the auspices of the Ramakrishna Mission Ashrama at Narendrapur with a view to giving training mainly to poor unemployed youth.

The Institute is giving training in Vocational Courses to all kinds of students living in and around Narendrapur, Garia and Baruipur. The purpose of this training is to enable young boys and girls to have employment at different offices.

The Institute has been recognised by the Government of West Bengal as one of the aided Institutions of Narendrapur. This has also been affiliated by the Board of Commercial Education, West Bengal, which holds its final examination.

The Institute has now four courses viz., Shorthad and Typewriting (English & Bengali) ; Electronic Type ; Spoken English and Computer Training Course. There are two sessions in a year—January and July. Students who have passed the School Final or equivalent examination are eligible for admission. During the year 1997–98 there were 190 students including all courses.

The students who are undergoing training are sent up for final examination conducted by the Board of Commercial Education, West Bengal. Besides, Weekly and Monthly Examination are held to test students progress regularly.

Proper attention is paid to each and every student for their good training and development of essential qualities. Students are trained in a manner that they can secure jobs when come out of the Institute.

CHAPTER – IX

ADMINISTRATION AND MANAGEMENT OF COLLEGES (GOVERNMENT AND NON-GOVERNMENT)

- Government Colleges
- Non-Government Colleges
- I.A.S. & W.B.C.S. Coaching Centres
- Extension of affiliation of new subjects

CHAPTER – IX

ADMINISTRATION & MANAGEMENT OF COLLEGES
GOVERNMENT AND NON-GOVERNMENT

GOVERNMENT COLLEGES

There are at present 35 Government Colleges in West Bengal. These are directly controlled by the Higher Education Department in collaboration with Education Directorate and the Technical Education Directorate (Higher Education), Government of West Bengal. The oldest of these colleges is the Presidency College (originally Hindu College), which was established in 1817. This was followed by Sanskrit College (1824), Krishnagar College (1846), Bethune College (1879), etc.

The category of these Colleges are the following :

Category	Number
General Degree Colleges (Arts, Science, Commerce)	17
Arts College (BVA & MVA)	1
B. Ed./Teachers' Trg. Colleges	7
Physical Education Colleges	4
Technological & Engineering Colleges	6

GOVERNMENT DEGREE COLLEGES

As stated above, there are 17 Government Degree Colleges in the State. Among them 11 colleges conduct B.A. and B.Sc. including honours courses. Four Colleges teach B.A., B.Sc. and B.Com. including honours Courses. Only one college offers Commerce Honours Course exclusively and one College offers B.A. honours course alone.

There are also Higher Secondary Streams in the Degree Colleges.

There are more than one shift in 5 Colleges.

The Government Degree Colleges have long tradition of good standard of teaching-learning facilities. Various steps are being taken by the State Government for the overall improvement/development of these colleges. Recently some new measures have been introduced as per the recommendations of the Ashok Mitra Commission.

The Govt. Colleges maintain a uniform standard of teaching as all the teaching staff are being recruited by the Public Service Commission, West Bengal. The results of some of these Colleges are shown below :

TABLE

	Hons.		Hons.
Presidency college	92%	Jhargram Raj College	74%
Lady Brabourne College	88%	Haldia Govt. College	76%
Bethune College	87%	Maulana Azad college	96%
Krishnagar College	82%		

POST-GRADUATE TEACHING PROGRAMMES IN GOVT. COLLEGES

There are post-graduate teaching facilities in 4 colleges. The names of the colleges and the subjects taught at post-graduate level are given below :

TABLE

NAME OF COLLEGES	SUBJECT TAUGHT AT POST-GRADUATE LEVEL
Presidency College, Calcutta	Physics, Zoology, Chemistry, Geology
Hooghly Mohsin College, Hooghly	Political Science, Physiology
Durgapur Govt. College, Durgapur	Geology
Darjeeling Govt. College, Darjeeling	Zoology, Botany

CENTRE FOR ADVANCED STUDY

Presidency College has a Centre for Advanced Study in Economics. This centre was started in 1972 under the Special Assistance Programme of the U.G.C. The centre helps in conducting Honours teaching programme in Economics. Besides, it conducts research programmes. Important seminars and workshops are also organised by the Centre on various aspects of macro and micro-economics. The primary thrust of research in the Centre has been in the formulation of approaches and methods for understanding some important problems of Indian economy. Two posts of professors in the scale of Rs. 4,500—7,300 have been created by the Govt. of West Bengal exclusively for the Centre. An expert committee appointed by U.G.C. has recommended the following special assistance towards the Centre during the period 1992-1997 :

TABLE

A.	Recurring	
	Visiting Associateship/Professorship	
	Books and Journals/Reprographic Services/Contingencies	Rs. 10.00 lakh
B.	Non-Recuring	
	Backlog subscriptions of journals	Rs. 5.00 lakh
	Laser printer and air conditioning for this machine and personal computer	
	TOTAL	Rs. 15.00 lakhs

OTHER CENTRES/PROGRAMMES IN COLLEGES

There is an I.A.S. Training Centre at Presidency College. It prepares students for both the Preliminary and Mains Examinations.

YEAR	TOTAL NO. OF STUDENTS	NO. OF SUCCESSFUL STUDENTS	
		PRELIMINARY	MAINS
1994-95	5	—	1
1995-96	44	12	2
1996-97	60	14	Results yet to be published
1997-98	70	Results yet to be published	

Coaching centre for educationally backward minorities :

Coaching centres have been opened at Maulana Azad College, Calcutta in 1991 and Darjeeling Govt. College for organising courses for competitive examination for educationally backward minorities as per scheme undertaken by the U.G.C.

MAULANA AZAD COLLEGE

MISCELLANEOUS EXAMINATIONS (BANKING/STAFF SELECTION ETC.)

		No. of students	Muslim/Buddhist
1993-94	(Banking)	09	M
1994-95	(Staff Selection)	11	M
		01	B
1995-96	(Do)	13	M
		02	B
1996-97	N.A.	N.A.	N.A.
1997-98	N.A.	N.A.	N.A.

RESEARCH ACTIVITIES IN GOVT. COLLEGES

Presidency College :

— Foliesculous hypemyculour fungi of West Bengal—B. K. Chattopadhyay & Dinesh Halder.

— Tissue culture of economically important ferns—M. Choudhury & S. Bera.

— Interaction of animals with lower groups of plants with special reference to their evolution—S. Bera & N. C. Ghorai.

— Studies on the tick and mite borne diseases of mammals—D. K. Chakraborty.

— Bio-Systematics of haenatophagous culicoides (Insecta Diptera; Ceratope genidae) of Gangetic West Bengal—S. Dasgupta.

— Studies on the bio diversity of Foreipomyian insects (Diptera; Caratopo gonidae) in India—P. K. Saha.

— Epidemiological studies of malaria outbreak in different districts of W. Bengal—P. Dey.

— Differentiation and Seasonal changes of toads and frogs in relation to gene activities—T. Midya.

— Studies of the physiological effects of some drugs producing analgesia and euphoric—N. K. Sarkar.

— Biology of giant Freshwater Prawn Macrobrachium resenbergi with regard to its culture and management—S. Home Choudhury.

— Studies on the bio diversity of the Western Ghat 'Shola forest' eco system and measures for its conservation—K. K. Bandopadhyaya.

— Studies on the blood Parasites of cold blooded vertebrates—R. Ray.

— Arsenic toxicity : A physiological approach towards better management of the problem.—C. Mitra.

— Characterisation of a soluble factor (s) from sub-maxillary glands of rat and its specific role in female reproduction and fertility control—P. Bandopadhyay & A. Bandopadhyay Mitra.

— Prevalent traffic noise in various Cross-Sectional areas of Calcutta—its physical characterisation and audiometric studies—D. Sen.

— P-T-X path in proterozoic Singbhum Fold belt—G. S. Ghatak.

— Study on Sulphide Mineralisation in Agnikundala Sulphide Belt—H. N. Bhattacharya.

— Quaternary Deposits of South Bengal—A. K. Ray.

— Tectonostratigraphic & Geochemical Evolution of Supracrustal Rocks around Bonai Granite Massif—P. K. Bandopadhyay and A. Chakraborty.

— Sedimentation of Lower Gondwand Rocks of Jharia Basin with Spl. reference to its bearing on Sedimentation pattern—P. K. Dasgupta.

— Evolving orogen of Eastern Himalaya : Precambian to late Tertiary Prespective—P. K. Gangopadhyay

— Quaternary Deposits of South Bengal—A. K. Ray.

— Quaternary Micromammals—P. R. Chandra.

— UGC-SAP Projects—

— Studies of Photo induced Energy Transfer/Electron Transfer in Aromatic Unit linked crown Elher/cryptand Metal lon Complexes and in protein—S. Ghosh.

— Preparation and Evaluation of nano composites based on some Heterocyctic Polymers—M. Biswas.

— Synthesis, characterisation and structural study of metal complexes of some unsymmetrical ligands—G. C. Mukhopadhyay.

— Folding of galactose—Specific plant lectins—D. K. Mondal.

— Synthetic studies on Theophylline synthesis of compounds related to 4 (5)-aminomidazole—5 (4)-Carboxamide—G. Chattopadhyay.

— The Marxist economy & Marxist Economistry-Through the lens of a housewife—A. Chakraborty.

— Decentralisation in Urban areas-How the labour market affects the land market and vice versa—D. Ghosh.

— On non-equivalence of tariff & quota in competitive trade models.

— An unfinished history of Presidency College—R. B. Rai, S. R. Chakraborty, B. Zacharia.

— Foreign Capital, Technology transfer and Growth—A theoretical analysis—K. Gupta.

Bethune College :

— Theoretical aspects of trade policies under imperfect competition—M. Pal.

— A study of the corporate restructuring of Indian industries in the post-NIP regime—N. Dasgupta.

— Land reform law and the Calcutta High Court—S. Sarkar (Ghosh)

— Chemistry of plant products—M. Chakraborty.

Lady Brabourne College :

— Toxic impact of arsenic in chronic consumption, in rat brain organ culture (1946-1998)—A. Nag Chaudhuri.

— Chemical correlations between the level of aluminium in blood and defective bone formation and brain degeneration—A. Nag Chaudhuri and S. Basu.

— Studies of nobel metal biomolecule complexes : evaluation of their action on bacteria and tumour cells—S. Gangopadhyay.

— Endocrinology and Entomology—M. Mukherjee.

— Sustainable development and social forestry in India—J. Roy Chowdhury.

Many more academic staff of Presidency College, Darjeeling Govt. College, Maulana Azad College, Lady Brabourne & Bethune college & Teachers of David Hare Trg. College, Govt. College of Education, Burdwan, Banipur etc. are engaged in research activities. The Government is also sanctioning grants for the promotion of research activities in both Government and Non-Government Colleges.

CONSOLIDATION AND IMPROVEMENT

These Government colleges are solely maintained by the State Government. So, their infrastructural and other facilities are far better than those of the Non-government Colleges. The Department of Higher Education lends special care for the consolidation and improvement of these colleges and grants additional funds for the renovation, repair, extension and even for new constructions of various categories. Grants are also released for the equipment of laboratories and also for the purchase of books, journals, chemicals etc. Affiliation of new teaching subjects have been sanctioned during 1997-98 as in previous years.

MANAGEMENT OF GOVERNMENT COLLEGES

These are generally controlled by the Education Department, Government of West Bengal in collaboration with the Education directorate headed by the Director of Public Instruction, West Bengal. He is also the Ex-officio Secretary to the Government of West Bengal. In addition, every college has a Governing Body which supervises the normal functioning of the College. The Higher Education Department has recently outlined the reconstitution of the Governing Body of Government Colleges through Government order.

NON-GOVERNMENT COLLEGES

Beside the Government Colleges the State at present has 340 Non-Government Colleges of different categories of which 310 are non-Government Degree Colleges. The oldest of these colleges are Serampore College established in 1818 under the initiative of the Danish Government. It thus coincides with the year of establishment of Hindu College (later Presidency College) in Calcutta. It was followed by Krishnath College (1858), St. Xaviers' College (1860), St. Pauls' College (1865) and Midnapore College (1873). Sometimes their developments were associated with the National (Education) Movements in India during the British period, such as Surendranath College (1884), and Jadavpur Vidyapith (now Jadavpur Vidyapith College of Education). The decadal growth of Colleges (Appendix IB) will show the course of development of Non-Government Colleges till recent year. It will be seen further from the table that the course of development of these Colleges are uneven. Under the British rule it was obviously very slow and the total number of Colleges from 1811 to 1947, when the British withdrew from India, was 55. However, the pace of development of Non-Government Colleges got accelerated after 1947. The total number of Non-Government Colleges is at present 340 including all categories of institutions. The Left Front Government in West Bengal has established 86 Non-Government Degree Colleges to meet the public demand and to expand the scope of education to the distant regions. Permission for affiliation for teaching new subjects in BA/BSc/BCom (Pass, Hons., Vocational, Physical Education & new emerging subjects) level has been granted for consolidation and enrichment of curicular areas. Here we see the contributions from the old Rajas, Zamindars, the Common Public and the role of the Christians Missions, Ramkrishna Mission and some minority communities apart from the overall role played by the State Government since Independence.

TABLE : CATEGORY OF NON-GOVERNMENT COLLEGES

Degree Colleges	B. Ed./PGBT	Physical	H. Science & others	Institute of Management	Spl. Institute
310	19	—	9	01	01

Since Independence the National and State Governments appointed the University Education Commission, 1948-49, the Indian Education Commission (Kothari Commission), 1964-66, and the Ashok Mitra Commission 1992-93 and many other Commissions and Committees for the improvement of education and the service conditions of the Non-Government College teachers which were not at par with the benefits of the Government College teachers. Their service conditions were not satisfactory in many respects till the installation of the Left Front rule in 1977. The important steps taken for the improvement of the service conditions of teachers of Non-Government Colleges are enumerated below :

(i) As there was no Service Security of College teachers and as payment schedules were very much irregular the present Government, after assumption of power, passed the 'West Bengal College' (Payment of Salaries) Act, 1978 by which security of service and payment of salaries were ensured by the State Government. The Pay Packet Scheme was introduced in Education Directorate under the Assistant Director of Public Instruction for discharging salaries and other financial matters.

(ii) Democratisation of the Administrative Governing bodies of the Non-Government Colleges by making provision for the election of representatives from the teaching and non-teaching staff of respective colleges.

(iii) Abolition of 50% of deposit from the College Fund. Previously the Non-Government Colleges would have to deposit 50% of their income to the Government Exchequer against the total payment of Salary by the State Government. Now the present Government waived the payment of this 50% of their fee income.

(iv) Similarly, Death-cum-Retirement benefit was sanctioned for teachers of Non-Government College teachers in 1978. In 1993-94 the enhanced rate of pension and other benefits were sanctioned for teachers who had opted for them by the Education Department, Government of West Bengal, making them at par with the Government College teachers.

A Pension Cell has been attached to the Pay Packet Section of the Education Directorate to look after the details of the Retirement Benefits of the Non-Government College teachers. The State Government, even within its limited resources, has been striving to release the retirement benefits to the utmost possible extent. Similarly, a College Sponsored Cell has been created to deal with various problems of the Sponsored Colleges in the State whose total number is 65. The Deputy Regional Education Officer, Jalpaiguri also releases salary for North Bengal Non-Govt. Colleges in Jalpaiguri and Coochbehar districts.

(v) Expansion and Quality improvement :

Apart from taking positive steps for solving the payment of salaries, security of service and the Retirement Benefits the State Government, ever since assumption of power in 1977, has concentrated on the decentralisation of educational opportunities to the rural areas to meet the demands of the people for education. Altogether 85 Colleges have been established since 1977 in different parts of the State. Nine new Colleges have been established in 1996-97 (as on 31.7.97). Also side by side with access and expansion, the State Government is equally conscious of the improvement of quality of college education. Policy of consolidation and diversification of courses have been assiduously pursued year after year. Every year the State Government has been sanctioning grants for the equipment and development of libraries and laboratories of the Colleges; Funds are being released for the repair, reconstruction/renovation, extension of college buildings every year. Similarly, allotments are given for the purchase of furniture, books, laboratory equipments etc. During 1995-96 an amount of Rs. 74,67,483/- was sanctioned for these purposes. Similarly, Rs. 1.00 lakh was released for development of libraries and laboratories of the Colleges. During the current year the State Government has under consideration to release Rs. 53 lakhs as developmental grants to all Non-Government Degree colleges for development of physical infrastructure of physical education. Side by side, Grants are also released for consolidation and improvement of library, furniture & other capital grants for different purposes taking into account the needs of the Colleges. Construction of Auditorium has been undertaken in some districts.

The State Government has, since 1994-95, granted affiliation for diversification of teaching subjects to Non-Government Colleges with a view to meeting popular demands and for upgrading the level of education at all corners in the State. The Table on Affiliation of Subjects shows that such developmental Scheme was extended to Pass (B.A./B.Sc./B.Com) and Honours levels and the number of subjects during 1994, 95-96 and 96-97 was 86, 303 and 297, and the number of Colleges involved was 65, 161 and 190 respectively. A number of vocational and modern subjects were also granted affiliation to increase relevance of education to self employment. Courses in Physical Education have been introduced in Non-Government Colleges like Midnapore College, Garbeta College & Seva Bharati Mahavidyalaya.

During the current financial year the State Government has granted affiliation for teaching 30 subjects at BA/BSc (Pass & Hons.) level in colleges throughout the State.

The responsibility of management of non-Government colleges lies with the Governing Body of the colleges in question. The academic matters of the Colleges are looked after by the concerned University to which the colleges are affiliated. These colleges are, however, within the administrative jurisdiction of the Education Directorate and the Higher Education Department.

.CO-ORDINATION OF AND PLACEMENT IN NON-GOVERNMENT COLLEGES

The State Government has established the West Bengal State Council of Higher Education in 1994 and the West Bengal College Service Commission in 1979 for co-ordination and improvement of Non-Government colleges and for making recommendations for filling up the vacancies of different categories of posts in Non-Government colleges. Since then both these bodies have done creditable services. The College Service Commission, has been successful in filling up the vacant posts of academic staff in large members and thereby helped in raising the total academic atmosphere in the Colleges. (See Chapter II)

Inspite of all the steps taken, many more proposals for the overall development of Non-Government Colleges are under active consideration of the Government.

RESEARCH ACTIVITIES IN NON-GOVT. COLLEGES

Midnapore College

— The role of women in the present Socio-Economic Condition of India.
— Conservation of environment.
— Higher Education through Vernacular
— Drug and Students Community.
— Global economy and India.

Dinabandhu Andrews College

H. Samaddar

— Kinetics and Mechanism of Oxidation of Aromatic Aldehydes by Acid.

— Use of Potassium Bromate : Oxidation of various Organic Compounds.

— Ascrobic acid and the prevention of the early action of Cadmium on Scrotal and Cryptorchid testes in thread.

— Atenol, a beta receptor antagonist and the prevention of early deleterious influence of Cadmium on the Scrotal and Cryptorchid testis.

S. Bhattacharya

— Effect of Ion Temperature of Ion Accoustic Solitary waves in a Two Ion Plasma.

— Spetially Inhomogenous Plasma with Negative Ions and Modified KdV Equation with x dependent Term.

M. Das (Roy Choudhury) and A. K. Pal.

— Phase transition Studies in Co siF 6. 6 H_2O and Co_{1-x} $2n_x$ SiF_6 – $6H_2O$ by Mn (ii) EPR.

— Cu (II) EPR Studies of Phase transition in Cobalt flurosilicate hexahy drate.

A. Chanda and R. P. Purkayastha.

— Myth and Mycetismus.

— Effect of Plant hormones on Sporo Carps of an edible Species of Calo Cybe.

— Manual of Indian Edible Mushrooms

— Correlation of Homo desmotic & Isodesmic Energy differences with Diets—Alder Reactivities of Poly cyclic Aromatic Hydro Carbons.

— Stabilities of Quinarene Hydro-Carbons

S. Roy Choudhury

— Anti-tumar Evaluation Compounds formed by 5-nitrofuranhith fatty acid hydrazide.

— Synthesis and Characterisation of some Rhenium Complexes of Biguanide and Methy 1 Biguamide.

S. Nandy

— Longitudinal Surface wave propagation in a generalised Thermopiezoclectric half space of monoclicuic symmetry.

S. Ghosh & P. Mitra

— Manifest and non-manifest Lorentz invariance for gauged self dual bosons.

— On the vortex point charge composite : Classical orbits and Equantum bound states.

— Planar Coulomb Interaction–classical & quantum aspects.

I.A.S. & W.B.C.S. COACHING CENTRES

As in Government Colleges, some of the Non-Government Colleges also have been imparting training for W.B.C.S. and I.A.S Examinations. Coaching facilities are available in Basanti Devi College, Indian Institute of Social Welfare and Business Management, Ashutosh College and Dinabandhu Andrews College apart from Presidency and Maulana Azad College, all in Calcutta.

TABLE : I.A.S. TRAINING CENTRE

CENTRE (with date of opening)	YEAR	ENROLMENT	APPEARED PRELIMINERY	APPEARED MAIN	QUALIFIED FOR INTERVIEW	SUCCESS	RANKS
Basanti Devi College	1995	—	50	15	05	02	—
(March, 1994)	1996	—	25	03	02	—	—
	1997	—	15	Result yet to be published			
Ashutosh College	1995	—	34	4	—	—	—
(January 1994)	1996	—	37	—	—	—	—
	1997	17	17	—	—	—	—
	1998	14	—	—	—	—	—
Indian Institute of Social	1995	114	54	18	—	02	—
Welfare & Business	1996	70	38	03	03	—	—
Management (Feb., 94)	1997	151	71	31			

TABLE : W. B. C. S. TRAINING CENTRE

CENTRE	YEAR	ADMITTED	APPEARED	QUALIFIED	
(Basanti Devi College	1995	60	20	10	
	1996	75	26	06	
	1997	110	30	06	
Ashutosh College	1995	122	—	—	
(Basanta Bose Road,	1996	103	—	—	
Calcutta–700 026)	1997	130	—	—	
	1998	128	—	—	
Dinabandhu	1995	61	32	07	introduced in
Andrews College	1996	39	—	—	Jan., 1994
(3 PM. 6 PM) (Garia)	1997	39	17	—	
	1998	12	—	—	

EXTENSION OF AFFILIATION OF NEW SUBJECTS IN DIFFERENT COLLEGES COLLEGES WITH SL. NOS. APPENDIX–IB

YEAR 1994-95

PASS SUBJECTS

ARTS STREAM

Hindi—Bur.–7, 15 ; Urdu—Cal.–57 ; Education—S. 24-Pgs. 18, 22 ; Philosophy—N. 24-Pgs. 7.

SCIENCE STREAM

Physics—Hoogh.–16, 23, Cooch.–4, Bur.–19, Nad.–12, 13 ; Chemistry—Hoogh.–16, 23, Cooch.–4, Bur.–19, Nad.–12, 13 ; Mathematics—Hoogh.–16, 23, Cooch.–4, Bur.–19, Nad.–12, 13 ; Botany—N. 24-Pgs.–8, Nad–3, N. 24-Pgs.–29, S. 24-Pgs.–8.

Zoology—Mal.–4, S. 24-Pgs. 21, N. 24-Pgs.–8, 29, Nad.–3, S. 24-Pgs.–8 ; Economics—Cal.–54 ; Biology—N. 24-Pgs.–8 ; Statistics—Mur. 7 ; Electronics—Bur.–8 ; Geology—Cal.–52 ; Computer Science—Bank.–10, Cal. –3, 59, Jal–2 ; Geography—Cal.–64, Pur–8, Bank.–2, Mid.–21 ; Defence Studies—S. 24-Pgs. 20 ;

COMMERCE

Bur–6, Mur–2, S. 24-Pgs.–18, 24.

HONOURS LEVEL

ARTS STREAM

Bengali—S. 24-Pgs.–13, Cal.–24, Cooch.–7, N. 24-Pgs.–15 ; English—Bir–1, Mid.–21, 22, Jal.—8, Cal.–37, S. Din–3 ; History—Cooch–3, Jal.–5, 8 ; Political Science—Bank.–3, Mal.–6, S. 24-Pgs.–2, Bur–18, Bir–2 ; Sociology—Cal.–28, Bur–4.

SCIENCE STREAM

Physics—Bir–7, N. 24-Pgs. 1, 6, Mur.–7, 13 ; Chemistry—N. 24-Pgs.–8, 29, Mid.–6 ; Mathematics—Nad.–5 ; Botany—Hoogh.–12, Pur.–7 ; Zoology—Cal.–20, 28, Pur.–7 ; Physiology—Mid.–8 ; Anthropology—How.–8 ; Statistics—Cal.–28, N. 24-Pgs. 5 ; Geography—Nad.–6 ; Geology—Pur.–3.

COMMERCE

Accountancy—Pur.–5, Mid.–18, Cal.–5, Dar.–2.

PASS LEVEL YEAR 1995-96

ARTS STREAM

Bengali—S. 24-Pgs.–12, 16, Mur.–10, Bur–10, 20, Jal.–9, Cooch–5 ; English—Mid.–21, S. 24-Pgs.–12, 16, Mur.–10, Bur.–10, 20, Jal.–9, Cooch-5 ; Sans.—S. 24-Pgs. 16 ; Elective Bengali—Dar.–3 ; Nepali—Dar.–3 ; History—Mid.–28, Dar.–3, Bir.–5, Hoogh.–9, S. 24-Pgs.—12, 16, Bur.–10, 20, Jal.–9, Cooch.–5 ; Pol. Sc.—Mur.–11, How.–1, Mid.–17, 28, Dar.–3, Bir.–5, S. 24-Pgs.–12, 16, Mur.–10, Cooch.–5, Bur.–10, Jal.–9 ; Sociology—Mur.–1, N. 24-Pgs.–4, Mid.–13, Dar.–3, Jal.–4, Hoogh.–9 ; ?? Philosophy—S. 24-Pgs.–16, Mur.–10, Bur.–20 ; Music—Mid.–22 ; ducation—Dar.–11, S. 24-Pgs.–12 ; Economics—Bur.–10, 20 ; Geography—Jal.–9. Film Studies—Cal.–51, S. 24-Pgs.–5.

SCIENCE STREAM

Physics—S. 24-Pgs.–13, 19, Mid.–30, Mal.–1, N. Din.–2, S. Din.–3 ; Chemistry—S. 24-Pgs.–13, 19, Cal.–64, Mid.–30, Mal.–1, N. Din.–2, S. Din–3 ; Mathematics—S. 24-Pgs.–13, 19, Hoogh.–5, Mid.–30, Mal.–1, N. Din.–2, S. Din.–3, Bank.–5 ; Botany—S. 24-Pgs.–23, Cal.–64, Dar.–5, Jal.–1, Bur.–11, 21 ; Zoology—S. 24-Pgs.–23, Cal.–64, Dar.–5, Jal.–1, Bur.–11, 21 ; Anthropology–S. 24-Pgs. 23, Mid.–25, Dar.–4 ; Electronics—N. 24-Pgs.–26, S. 24-Pgs., 7,8 ; Computer Science—Nad.–4, 12, N. 24.-Pgs.–6, 7, 13, Mid.–1, 18, 20, 22, 31, N. Din.–3 ; Geography—Nad.–3, 10, N. 24-Pgs.–18, 27, 34, Mur.–2, Cal.–53, S. 24-Pgs.–17, Mid.–14, 21, 28, Dar.–4, Jal.–2, 4, Mal.–4, Bank–9 ; Economics—Dar.–8, Jal.–4, Cooch.–6, Bir.–5, Hoogh.–9,Mur.–10 ; Statistics—Mid.–14, Dar.–8 ; Sericulture—Dar.–4 ; Physiology—Jal.–2 ; Commerce—How.–6, Jal.–6, Bank.–11, Bir.–6, 7, Bur–15, 10 ; Voc.—Mid. 25 (2 subjects), Seed Tech., Ind. Fish. Defence Studies—Mur.–11, Nad.–10 ;

HONOURS LEVEL

ARTS STREAM

Bengal—Nad.–4, 5, S. 24-Pgs.–6, N 24-Pgs.–1, 22, Cal.–45, 54, Hoogh.–18, Mid.—4, 5, 9, 17, 26, Jal.–1, 10, N. Din.–3, Cooch.–8, 10, Bank.–6, Pur.–3, Hoogh.–1, 13 ; English—Nad.–3, 12, N. 24-Pgs.–6, 25, S. 24-Pgs.–5, 17, Cal.–35, Hoogh.–5, Mid.–3, 11, 15, 19, Dar.–5, 10, Jal.–1, 5, 7, 9, N. Din.–3, Bank.–1, 4, Bir.–2, 3, Pur.–8, Bur.–1, 8, 11, Hoogh.–15 ; Nepali—Dar.–8 ; History—Nad.–1, 2, 12, 13, Bank.–5, 9, Hoogh.–12, 13, S. 24-Pgs.–2, 9, Cal.–45, N. 24-Pgs.–16, Mur.–13, Mid.–3, 4, 5, 16, 17, N. Din.–3 ; Political Science—Nad.–13, S. 24-Pgs.–20, 24, Mur.–6, Jal.–7, 8, Bur.–8 ; Philosophy—Nad.–13, N. 24-Pgs.–21, S. 24-Pgs.–21, Mid.–31, Pur.–3 ; Sociology—Cooch.–8, Bank–2 ; Music—Cal., Mus.–1 ; Journalism—Cal.–33, 34 ; Education—Hoogh.–18.

SCIENCE STREAM

Physics—Cal.–61, Nad.–3, N. 24-Pgs.–10, 15, 28, 29, S. 24-Pgs.–1, Cal.–35, 61, Mid.–24 ; Chemistry—Nad.–3, N. 24-Pgs.–28, 29, Mid.–9, 24, Cooch.–3 ; Mathematics—How.–15, N. 24-Pgs.–17, Mid.–19 ; Zoology—N. 24-Pgs.–14, S. 24-Pgs.–1, Cal.–36, Mid.–29, S. Din.–1, Bur.–24 ; Botany—Cal.–4, 20, Mid.–20, Mal.–4, Bank.–12, Hoogh.–15 ; Anthropology—Mid.–25, 27 ; Physiology—Mur.–2 ; Economics—Nad.–3, N. 24-Pgs.–6, 10, Hoogh.–5, Bank.–3 ; Geography—How.–1, 7, 8, 9, Mur.–7, Cal.–48, Mid.–18, N. Din.–4, Cooch.–2, Bank.–10, Bir.–2, Bur.–18, 24 ; Computer Science—N. 24-Pgs.–1 ; Physiology—Mur.–2.

COMMERCE SUBJECTS

Accountancy—Nad.–2, 4, N. 24-Pgs.–23, Cal.–45, Mur.–4, 13, Mid.–12, 25, Bank.–7, 8, Bir–1, 4, Bur.–5, 9, 18, 19, 22

HONOURS LEVEL YEAR 1996-97

ARTS STREAM

Bengali—Mid.–24, Bur.–11, 14, 15, 18, 19, 21, Pur.–6, Bank.–1, 4, 7, 9, Cal.–42, How.–4, 15, S. 24-Pgs.–18, Mur.–2, 5, 8, N. 24-Pgs.–23, 27, Mal.–2, Jal.–6, N. Din.–4 ; English—Mid.–19, 31, Bur.–6, 14, 15, 22, Hoogh.–12, 14, 16, 18m, Pur.–9, Bir.–9, Nad.–5, 9, S. 24-Pgs.–6, How–7, Cal.–44, Mal.–2, S. Din.–1, Cooch.–6 ; Hindi—Mid.–11, Bur.–2, N. 24-Pgs.–17, 26 ; Urdu—Bur.–23, History—Mid.–1, 5, 15, 27, Bur.–5, 19, 21, Bank.–6, 8, Hoogh.–10, 18m, N. 24-Pgs.–19, 22, Cal.–26, 42, 48, How.–4, 15, S. 24-Pgs.–18, 24, Mur.–2, 5, 11, N. Din.–2, Jal.–6, 10, 6, Cooch.–

8 ; Pol. Sc.—Mid.–13, 24, S. 24-Pgs.–1, 2, 5, N. 24-Pgs.–16, 27, Hoogh.–18, S. Din.–2, Jal.–10 ; Education—Cal.–33, 36, 62, N. 24-Pgs.–4, 6, 18, How.–4, 13, Cal. –40, 55, N. Din.–4, Dar.–6 ; Philosophy—Mid.–24, Bur.–2, 11, 13, 14, Pur.–9, Bir.–1, How.–9, N. 24-Pgs.–9, Hoogh–18, Cooch–3, N. Din.–3 ; Sociology—Hoogh.–22, N. 24-Pgs.–16 ; Journalism—N. 24-Pgs.–1.

SCIENCE STREAM

Physics—Bur.–14, Hoogh.–19, Bir.–8, Nad.–5, Mur.–6, Jal.–7 ; Chemistry—Jal.–7, Dar.–4, Mid.–11, Hoogh–13, Bur.–11, Pur.–7, N. 24-Pgs.–19, Cal.–2, 35, 62, 70, Mur.–4 ; Mathematics—Mid.–17, Hoogh.–1, How.–12, Cal.–2, S. 24-Pgs.–6 ; Botany—Bur.–14, Bir.–7, Mur.–13, Cal.–35, N. 24-Pgs.–7, 13, S. 24-Pgs.–1, How.–6, Hoogh.–14 ; Zoology—Mid.–9, 29, Hoogh.–13, Bur.–13, 22, Bir.–7, Bank.–12, Cal.–2, Nad.–9, How.–6, N. 24-Pgs.–13, 32, Dar.–4 ; Physiology—Mid.–22, Cal.–2, 59, Hoogh.–17 ; Psychology—Nad.–13, Cal.–3 ; Statistics—Bur.–4, Cal.–51 ; Economics—Bir.–7, Bank.–8, How.–9, 15, Cal.–32, N. 24-Pgs.–18, 28, Mur.–8, Jal.–7, Dar.–4 ; Geography—Mid.–14, 28, Bur.–13, Hoogh.–12, Cal.–53, 61, Mal.–4, Jal.–1 ; Electronics—Bank.–2, N. 24-Pgs.–1, 26, Comp. Sc.—Mid.–18, N. 24-Pgs.–6, Cal.–52, How.–13.

COMMERCE STREAM

Accountancy—Mid.–16, Bur.–1, 15, Hoogh.–3, 16, Pur.–4, Bir.–5, N. 24-Pgs.–19, 22, Cal.–25, 40, 42, S. 24-Pgs.–9, 20, How.–4, 6, Dar.–3 ; Vocational—Bank.–3, 10, N. 24-Pgs.–10.

PASS LEVEL

ARTS STREAM

English—Mid.–16, Hoogh.–2, Dar.–3 ; Hindi—N. Din–3 ; History—Pur.–5, N. Din.–4, N. 24-Pgs.–13, 4 Language Subjects ; Sociology—Hoogh.–2, 22, Cal.–61 ; Education—N. 24-Pgs.–13, Mur.–9 ; Journalism—Cal. –44, 53 ; Film Studies—Mur.–2 ; Defence Studies—N. 24-Pgs.–32, Hoogh.–13 ; Psychology—Cal.–61.

SCIENCE STREAM

Physics—Mid.–16, Jal.–8, N. 24-Pgs.–21 ; Chemistry—Mid.–16, Jal.–8, N. 24-Pgs.–21 ; Mathematics—Mid.—16, Bur.–5, 18, Jal.–8, Mal.–5, Cal.–32, 48, N. 24-Pgs.–21 ; Zoology—Cooch.–3, How.–3 ; Botany—Cooch–3, How.–3 ; Physiology—S. 24-Pgs.–3 ; Statistics—Bur.–2, 4, Bank.–10, Cooch.–4, How.–8, N. 24-Pgs.–1, S. 24-Pgs.–3, Cal.–23, 32, 43, 52 ; Comp. Science—Hoogh.–20, Bur.–23, Bank.–2, How.–3, 8, N. 24-Pgs.–10, 14, 15, Cal.–4 ; Geography—Mid.–13, Hoogh.–13, Pur.–5, 6, 9, N. 24-Pgs.–4, 11, 32, Cal.–39, 53, Mur.–9, Nad.–5 ; Mol. Biology—Cal.–3, 52, 59, N. 24-Pgs.–1 ; Nutrition—Cal.–44 ; Electronics—N. 24-Pgs.–15, 32, Cal.–54, 60, N. 24-Pgs.–6 ; Anthropology—Cal.–59.

COMMERCE STREAM

Com.—Bur.–1, 20, Mal.–6, Cal.–23, How.–1.

VOCATIONAL STREAM—N. 24-Pgs.–68 (Ind. Fish).

UNIVERSITYWISE AFFILIATION OF SUBJECTS DURING 1996-98 INCLUDING NEW COLLEGES

UNIVERSITYWISE	COLLEGE	HUMANITIES		SCIENCE		COMMERCE		VOCATIONAL	TOTAL
		PASS	HONS.	PASS	HONS.	PASS	HONS.		
Calcutta University	105	18	53	48	55	02	09	01	198
Burdwan University	51	07	38	12	23	02	06	02	93
North Bengal University	21	08	16	07	05	01	01	—	38
Vidyasagar University	18	01	11	04	09	—	01	—	26
Kalyani Univesity	01	—	01	—	01	—	—	—	02
Rabindra-Bharati University	—	—	—	—	—	—	—	01	01
Total	196	34	119	71	93	05	17	04	358

AFFILIATION OF SUBJECTS (EXCLUDING NEWLY ESTABLISHED COLLEGES

PASS LEVEL

	ARTS STREAM	SCIENCE STREAM	COMMERCE STREAM	VOCATION STREAM	
1994-95	06	42	04	—	52
1995-96	57	78	07	02	142+2
1996-97	18	62	05	01	85+1
1997-98	15	09	—	—	24

HONOURS LEVEL

	ARTS STREAM	SCIENCE STREAM	COMMERCE STREAM	VOCATION STREAM	TOTAL
1994-95	20	20	04	—	24
1995-96	88	54	17	—	159
1996-97	113	78	17	03	208+3
1997-98	06	15	—	—	21

NO. OF COLLEGES : UNIVERSITY-WISE

Year	C.U.	B.U.	V.U.	N.B.U.	K.U.
1994-95	49	10	04	10	01
1995-96	69	38	25	27	02
1996-97	97	50	17	25	01
1997-98	12	03	01	—	—

TABLE

DISTRICT	CO-EDUCATION COLLEGES		GIRLS' COLLEGES	
	PRE 1977	POST 1977	PRE 1977	POST 1977
Bankura	06	05	01	01
Burdwan	13	07	03	02
Birbhum	08	02	—	—
Calcutta	22	15	22	02
Coochbehar	06	03	—	—
Darjeeling	06	03	01	01
Hooghly	15	03	03	02
Howrah	10	04	01	—
Jalpaiguri	03	06	01	—
Malda	03	04	01	—
Midnapore	25	30	02	—
Murshidabad	08	04	01	—
Nadia	10	02	01	—
North Dinajpur	02	02	—	—
North 24-pgs.	22	08	05	01
Purulia	04	04	01	—
South Dinajpur	01	02	01	—
South 24-Pgs.	16	05	01	—

REVISED PAY SCALE & NON-PLAN EXPENDITURE

Pay scales for both teaching and non-teaching staff of the undergraduate colleges in West Bengal have been revised since 1.1.86. As a result, the salaries of these categories of staff have increased substantially and expenditure incurred by the State Govt. towards payment of salary for both teachers and non-teaching employees of colleges has also increased manifold.

The following table will show how the non-plan expenditure, as a result of enhancement of pay scales of the teachers and non-teaching staff of the Govt. and non-Govt. colleges, has increased gradually during the period 1985-86 to 1997-98.

TABLE

NON-PLAN EXPENDITURE for payment of salary for the staff (teaching and non-teaching) of the Government Degree Colleges (excepting the Govt. Engineering & Technological Colleges and Medical Colleges).

Year	Expenditure under the budgetary head "2202-03-103-Govt. Colleges & Institutes, Non-Plan-Salaries"
	(Rs. in Lakhs)
1985-86	5,00.18
1986-87	6,05.01
1987-88	6,43.15
1988-89	8,00.10
1989-90	10,00.00
1990-91	13,79.35
1991-92	15,73.75
1992-93	19,21.54
1995-96	N. A.
1996-97	19,43.34
1997-98	33,40.20

TABLE

NON-PLAN EXPENDITURE for payment of salary for the staff (teaching and non-teaching) of the Non-Govt. Degree Colleges.

Year	Expenditure under the budgetary head "2202-03-104-Non-Govt. Colleges-Non-Plan"
	(Rs. in lakhs)
1985-86	33,34.02
1986-87	41,63.50
1987-88	49,12.31
1988-89	55,42.45
1989-90	64,06,18
1990-91	80,87.00
1991-92	82,30.00
1992-93	96,78.37
1995-96	N. A.
1996-97	98,37.47
1997-98	130,00.00

Despite the fact that expenditure in other sectors has increased substantially in recent years, about one-fourth of the State Budget is being allocated for Education. A table in Chapter VI will show the status of West Bengal vis-a-vis together major States in India. It may also be noted that while the percentage of expenditure on education has decreased in all other States excepting Karnataka, the same has remained almost unaltered in West Bengal inspite of the increase in expenditure in other sectors.

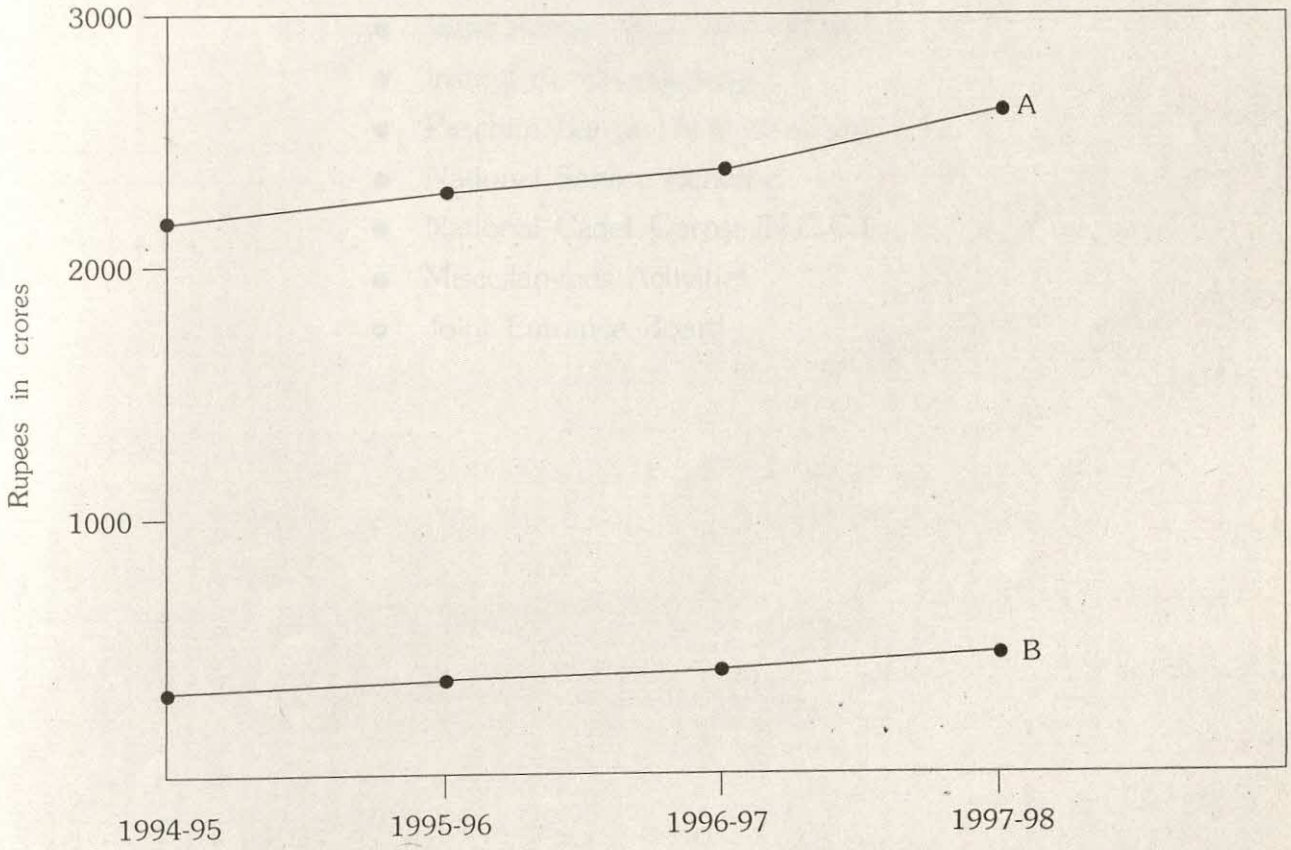
TABLE

BUDGETARY POSITION OF HIGHER EDUCATION DEPARTMENT AT A GLANCE

(Rs. in Crores)

Year	Total State Budget	Total Budget Estimate for Education (Excluding loans and advances	% of Budget Estimate on Education with reference to State Budget	Total Budget Estimate for Higher-Education	% of Budget Estimate for Higher Education with reference to Budget Estimate for Education
1994–95	9374.79	2123.07	22.64%	274.41	13%
1995-96	11000.92	2293.24	20.84%	316.28	13.80%
1996-97	12814.80	2373.45	18.52%	351.62	14.81%
1997-98	14916.03	2647.65	17.75%	398.74	15%

PATTERN OF TOTAL BUDGET ESTIMATE FOR EDUCATION AND TOTAL BUDGET ESTIMATE FOR HIGHER EDUCATION



A = Total Budget Estimate for Education
B = Total Budget Estimate for Higher Education

CHAPTER – X

ACTIVITIES OF GOVERNMENT WINGS, ACADEMIES AND INSTITUTES

- Netaji Institute of Asian Studies
- Institute of English
- West Bengal District Gazetteers
- West Bengal State Archives
- West Bengal State Book Board
- Institut de Chandernagor
- Paschim Banga Hindi Academy
- National Service Scheme
- National Cadet Corps. (N.C.C.)
- Miscellaneous Activities
- Joint Entrance Board

CHAPTER X

ACTIVITIES OF GOVERNMENT WINGS, ACADEMIES AND INSTITUTES

NETAJI INSTITUTE FOR ASIAN STUDIES

1, Woodburn Park, Calcutta-700 020, Ph. 247-3145

It is an autonomous Institute under the Department of Higher Education, Government of West Bengal and has been functioning since 1981 as an Inter-disciplinary Research Institute to examine the current political, social and ecological problems and developments in the neighbouring countries with special reference to South and South-East Asia. The faculty of the institute consists of Professors, Readers, Assistant Professors and Research Scholars working in the field of International Relations, Social & Political History and Economic Co-operation, Ecology and Ethnolinguistics. Many important research projects are undertaken by the Institute manned by the faculty members as detailed above and a good number of research monographs are published by the Insitute. The Institute also holds seminars and lectures on the subjects for which the institute is intended.

At present there are four faculty members working in this Institute viz.

1. Dr. Basudev Chatterjee, Professor, Department of Social & Political History.
2. Dr. Swapan Kr. Banerjee, Professor, Department of Ethnolinguistics.
3. Dr. Mamata Desai, Professor of Ecology.
4. Dr. Ramkrishna Chattopadhyay, Assistant Professor, Department of Social & Political History.

RESEARCH PROJECTS UNDERTAKEN :

Dr. Basudev Chatterjee, Professor of the Deptt. of Social & Political History :

(a) Subhas Chandra Bose, INA and Indian Independence. The findings of Dr. Chatterjee as surfaced in course of his research has been presented in a series of national-level seminars held in the Universities of Calcutta, Burdwan, Visva Bharati and Berhampur.

(b) Police and Nation building in Modern India—
(Useful in various in-service training courses of senior officers of Police in Calcutta and elsewhere.)

Dr. Ramkrishna Chattopadhyay :

(a) Netaji & INA : Collection of Oral Testimonies—ICHR.

(b) Plantation Labour in South and South-East Asia—A comparative study.

Dr. Swapan Kuman Banerjee :

(a) Socio-Linguistic Study of the Plantation Labourers of North Bengal.....ICSSR & ICSSI
(Working in the Tea Garden Area of Darjeeling District & Dooars Region of Jalpaiguri District)

Dr. Mamata Desai (Submitted for approval)

(a) Human uses of Wet-lands in West Bengal-Social and Economic Perceptions.

(b) Tribal Development Programmes & Tribes—The Rabhas of North Bengal.

(c) Natural Hazards and Community Response—an Anthropo-Economic assessment of Digha Coastal Area.

(d) Rural Sanitation and Drinking Water-Problems and Prospects—
(Under Nanoor Police Station, Birbhum District)—EIA.

Publications : Dr. Basudev Chatterjee :

(i) Subhas Chandra Bose, INA and Indian Independence, Collection in 'Netaji and Indian Freedom (1997)'.

(ii) Changing Inter-Racial Relationship in 19th Century Calcutta—Asian Studies—Vol. XV, No. II, 1997.

Dr. Swapan Kumar Banerjee :

(i) Vanya Jati.

(ii) Asian Studies.

Dr. Mamata Desai :

Papers on the environment and ecology of different parts of India.

PARTICIPATION IN SEMINAR/WORKSHOP AS MEMBERS

(i) Dr. Basudev Chatterjee—as a Resource person in in-service training courses of senior officers of Police in Calcutta & elsewhere.

(ii) As Speaker/Guest Lecturer in Presidency College & Universities of Vidyasagar, Burdwan, Viswabharati, & others.

(iii) Presentation of Paper on Netaji Subhas Chandra Bose and Communal issues at Mysore University. —Dr. Ramkrishna Chattopadhyay.

Institute Publication :

— 'ASIAN STUDIES' A biannual Journal.

— Observation of the Birth Anniversary of Netaji on 23rd January, 1998.

— Organisation of various seminars, panel discussions, refresher courses for the teaching staff of different Colleges.

Academic Programmes :

2 year certificate course—Thai, Burmese, Chinese & Japanese.

INSTITUTE OF ENGLISH

119, S. P. Mukherje Road, Calcutta-700 026, Phone : 466-3039. Year of Establishmnt : 1963

A Post-Graduate Govt. Sponsored Teachers' Training Institution.

Founded by the Government of West Bengal in collaboration with the British Council Division.

NATURE OF THE INSTITUTE

An autonomous institution under the financial and administrative control of the Education Directorate :

Full academic autonomy in devising its own course, syllabus, conducting examinations and conferring diplomas.

COURSES

(a) Two Training Courses : Duration — Jan–April
(4 months each) — June–September

Enrolmnt—60 for each course (fresher and deputed)

Course known as Diploma in English Language Training (DELT).

(b) General Proficiency Training in English for Graduates and Post-Graduates in general and professional spheres.

ENTRANCE QUALIFICATION
* Practising teachers of English from Secondary and Higher Secondary Schools :
* Fresher candidates with Hons. and M.A. in English.

(c) PART TIME COURSE

(i) GPTE—

Duration—3 months

2 courses— (i) Feb.—April
(ii) July—September

Qualification—Graduates in General or Professional courses

STRUCTURE OF THE COURSE
(i) Applied Linguistics
(ii) Language Description
(iii) Language Development

EXAMINATION
* Mid-term test
* Final Test
* Course Assigment
* Practice and final teaching

PRACTICAL METHODOLOGY

(i) Language and Teaching Methodology
(ii) Teaching Grammer
(iii) Teaching Literary Appreciation
(iv) Test Development
(v) Use of Media
(vi) Materials Exploration and Development
(vii) Observation & Framing Lesson Plans & Practice teaching

ACTIVITIES

ORIENTATION PROGRAMMES ON

Annual Convocation for DELT Courses 67 & 68—11.10.1996 & 6.5.1997

(i) Management of Learning English at the elementary level, (Oct. 15-17th '96).
(ii) Management of Teaching English at the tertiary level, (Dec. 2-12 '96).
(iii) Business of Business English, (Aug. '96)

(d) SUPPORT PROGRAMMES (GOVT. OF WEST BENGAL & THE GOVT. OF INDIA)

Project on : (a) Field evaluation of DELT Course ;
(b) Multi-media Materials production ;
(c) Curriculum implementation and classroom interaction ; a close study on the workability of the step to Learning English as prescribed by WBBSE at the school level.

MATERIALS PRODUCTION

(i) Field Evaluation report of the DELT Course.
(ii) Active listening I — Students' workbook
— Teachers' Manual
— Cassettes.
(iii) –do– II — Students' Workbook
— Teachers' Manual
— Cassettes
(iv) Listening for pleasure — Teachers' Manual
— 2 Cassettes

WEST BENGAL DISTRICT GAZETTEERS

Publication of District Gazetteers of the State of West Bengal is almost a kind of a national networking programme and a very prestigious and challenging activity of the Government of West Bengal, which has been functioning effectively under the Higher Education Department. In the recent years, functioning of the office of the State Editor, West Bengal District Gazetteers, under the Ministry of Higher Education, has been boosted up significantly and effectively.

The office of the West Bengal District Gazetteers was set up in 1958 to implement a scheme of Govt. of India of 1955, for revision of District Gazetteers published before Independence. This office has so far revised and published District Gazetteers of 14 districts, viz.

West Dinajpur, Bankura, Malda, Hooghly, Howrah, Birbhum, Coochbehar, Nadia, Murshidabad, Darjeeling, Jalpaiguri, Purulia, 24-Parganas and Bardhaman.

The first 8 books, out of those 14, are now out of print, and the rest are about to be exhausted. Writing of the revised edition of Medinipur District Gazetteer, both in English and Bengali are about to be completed. It is expected that these two books will be published latest by end of 1998, if not earlier.

Within a very short span of time (i.e., during 1994-98) it has published 12 books, including revised editions of the West Bengal District Gazetteers of 24-Parganas and Bardhaman and reprints of L.S.S. O'Malley's Bengal District Gazetteers of Bankura, Midnapur, Birbhum, Murshidabad, 24-Parganas, and Peterson's Bengal District Gazetteer of Burdwan ;' as also W.W. Hunter's The Annals of Rural Bengal and Statistical Account of Midnapore, Hughli and Howrah, Sundarbons and 24-Parganas.

During the year 1997-98, this office has brought out reprints of 2 Bengal District Gazetteers (Murshidabad and 24-Parganas) by O'Malley and 3 districtwise volumes (Hughli & Howrah, Sundarbans, 24-Parganas) of A Statistical Account of Bengal, by W. W. Hunter. An updated edition of A Summary of the Changes in the Jurisdiction of Districts in Bengal, by Rai Monmohan Chakraborti Bahadur, originally published in 1918, is in press and expected to come out very soon.

The books under the series Bengal District Gazetteers by O'Malley and others, and A Statistical Account of Bengal by W. W. Hunter have become very important historical documents depicting old-world pictures of the districts and giving their people a glimpse of the way their ancestors lived more than a century ago. But they were our of print for a long time. Reprining of those books has thus been felt a historical necessity to understand a sense of direction, to judge progress and policies of the country and to attain other ends. They are in great demand too. Keeping this in view, the Govt. of West Bengal has planned to issue their reprint. The tradition of Gazetteer literature has also been kept alive by the publication of revised editions of these old Gazetteers by incorporating latest data.

This office has also planned to revise, compile, edit and publish—

(a) District Gazetteers of West Bengal both in English and Bengali ;

(b) Revised edition of the District Gazetteers of West Bengal so far published and already out of print ;

(c) Reprint of Bengal District Gazetteers published before Independence, as historical documents, and their Bengali versions ;

(d) Reprint of *Statistical Account of Bengal* in districtwise volumes, by W. W. Hunter and their Bengali versions ;

(e) State Gazetteer of West Bengal—both in English and Bengali ;

(f) A number of most important and invaluable books, including reprint and revised edition of old publications, as allied literature, from time to time.

This office has planned to bring out five to seven books during the financial year of 1997-98 of which 3 will be in Bengali. Moreover, it has plans to revise 4 district gazetteers, which are already out of print under the series 'West Bengal District Gazetteers' and to compile their Bengali versions also.

Printing of the number of copies of these books has also been increased from one thousand to three thousands, in general with a view to making the books easily available to a large number of intending purchasers. The office is also exploring its own marketing channel throughout the country, even in the districts and aborad. To make all these programmes more successful and continuously progressive the H. E. Deptt. has been considering of reorganise the infrastructure of this office in a more effective pattern. This office has also been getting linked up with many specialised research institutions of Govt. and Semi-Govt. nature for having desirable assistance from them from time to time for compilation purposes.

This office has also started to participate in Book Fairs in the districts and Calcutta from 1996 for promotion of public relation and marketing of their publications by joining with the West Bengal Pavillion in Calcutta Book Fair and setting up stalls in different District Book Fairs. Remarkable achievement has been gained through this programme.

BUDGETARY PROVISIONS

1997-98	Non-Plan (Rs.)	Plan (Rs.)
	33,65,000	10,00,000

WEST BENGAL STATE ARCHIVES

6, Bhowani Dutta Lane, Calcutta-700 073

Phone : 241-3966

State Archives is a specialized wing of the Higher Education Department. It functions not only as a repository of old historical records, but also as an institution of higher learning and research. It maintains liaison with the International Council on Archives, South-West Regional Branch of International Council and Indian Historical Records Commission. The State Archives organises archival seminars, exhibitions from time to time. One of its routine programmes is to hold 'Annual Archives Week'celebration in which historical documents are displayed.

Towards the end of 1997, two teams of experts headed by Assistant Director of Archives visited Jalpaiguri and Coochbehar districts and examined records of State Library, Collectorate Library of Jalpaiguri and Coochbehar Sahitya Sabha, North Bengal State District Library.

The other achievements of the State Archives during the past one year may be summed up as under :

1. Construction of the new functional building at 43, Shakespeare Sarani, Cal., has been completed. Transhipment work will be taken up very soon and the building will be formally opened for public use duirng the first quarter of the current year.

2. A computer system has been purchased and the necessary software is on the process by M/s. Webel Informatics Ltd. The computer is expected to be put to use in near future for digitisation of Archival materials.

At present the archival officials are engaged in the work of (a) classification of PWD records, (b) microfilming of IB records and (c) appraisal of Home Deptt.'s records.

WEST BENGAL STATE BOOK BOARD

6, Raja Subodh Mullick Square, Calcutta-700 013

Phone : 26-7854/27-9242

Sales Counter : 1, Bankim Chatterjee Street (Ground Floor of Sanskrit Collegiate School Premises),

As per the recommendations of the Kothari Commission on 'media-transfer' the State Government established the West Bengal State Book Board in 1970 with the objective of publishing books for Higher Education in Bengali medium. The Board of Governors which governs the Book Board consists of the members who are nominated out of the members of the Registered Society of the Board. The Chairman of the Board and the Society is the Hon'ble Minister-in-Charge of Higher Education with the Principal Secretary (Higher Education) as their Vice-Chairman and the Chief Executive Officer as their Member-Secretary.

The Book Board is within the financial and administrative jurisdiction of the Higher Education Department of the Government of West Bengal.

The costs towards publication of books are largely met by the State Exchequer. The Government of India at times shares this cost to some extent. The recurring expenditure is solely borne by the State Government.

PUBLICATIONS

The Book Board has so long brought out 673 publications including several reprints and revised editions as against 662 & 643 books in the year '96-'97 & '95-'96 respectively. Thus the number of its publications has been on the increase.

The published titles are mainly texts for use at the degree and post-graduate level of studies. The publications cover also Science Monographs, Terminologies, Dictionaries and Journals for use of students and general readers as well.

The Board has so far published books on the following academic disciplines : (1) Agriculture, (2) Physiology and Medical Science, (3) Botany, (4) Engineering and Technology, (5) Chemistry, (6) Statistics, (7) Defence Studies, (8) Geography, (9) Geology, (10) Psychology, (11) Mathematics, (12) Library Science, (13) Physics, (14) Science Monographs, (15) Zoology, (16) Popular Science, (17) Journalism, (18) Commerce, (19) History, (20) Literature, (21) Music, (22) Sanskrit, (23) Law, (24) Philosophy, (25) Political Science, (26) Teachers' Training, (27) Economics.

Manuscripts of some more 27 books including the one prepared by the Land & Land Revenue Department of the Government of West Bengal on the Report of the Bengal Land Revenue Commission, 1940 have been sent out for printing while 7 other manuscripts will shortly be sent to the press for printing.

The Board has also started preparing manuscripts particularly on the following subjects which along with some other subjects have recently been introduced in several colleges all over the State : Physical Education, Tourism & Travel Management, Computer Science, Industrial Fish & Fisheries, Sericulture, Advertisement, Sales Promotion & Sales Management and Office Management & Office Administration. Preparation of these manuscripts has been undertaken by the Board as a follow-up of the deliberations by subject experts in the Workshops held by the Board in collaboration with the West Bengal State Council for Higher Education and also with the West Bengal Bangla Academy.

The other books published by the Board on behalf of the Government of West Bengal are (i) Calcutta 300-Sahitya-o-Sanskriti Parampara and (ii) Calcutta's Urban Future.

Sale of the two Hindi books, namely, 'Acharya Kshitimohan Sen Hindi Granthavali' and 'Dr. Suniti Kumar Chatterjee Hindi Granthavali', published by the Paschim Banga Hindi Academy, has also been arranged by the Book Board.

The publications of the Board have so far earned prestigious awards including Rabindra, Satyendra Smriti, Ananda and Narasingh Das Awards. That the Board has already earned popularity among the students and the readers at large has been revealed particularly by the increasing number of visitors to the Book Fairs in which the Board has participated in and outside the State including the 13th World Book Fair recently held in New Delhi.

List of the publications of the Book Board is available on request.

INSTITUT DE CHANDERNAGOR

Higher Eudcation Department
(S. E. Branch)
Govt. of West Bengal,
Strand Road, Chandannagar, Hooghly, Phone : 83-9661

Established as Indo-French Cultural Centre and Museum, the Institute was a cultural souvenir of two countries India and France in pursuance of the Article IX of the Treaty of Cession which was signed by the President of India and the President of French Republic on 2nd February, 1951, at the French Governor House. After merger of Chandernagore, the Institute was transfered under the Administrative Control of the State Government on 2nd October, 1954. It has three sections—museum, library and French language course. The Museum is oriented with several gallaries—French-East-India-Company, Furniture, French Period-Chandernagore, Dupleix, Friendship, Indian Freedom Movement, Paintings, Handicraft and Rabindra Nath Tagore and Chandernagore. The State Government has taken up a project to re-orient the display of the gallaries.

Exhibition : (i) Indian Freedom Movement—15th to 28th August, 1997, observed the 50th year of India's Indpendence.
(ii) Life and works of Subhas Chandra Bose—23rd to 30th, January, 1997-98, Birth Centenary.

FRENCH LANGUAGE COURSE

(I) Certificate : (i) Duration — 1 year.
(ii) Semester — January to June & July to December

Enrolment : 90 fresher—Certificate part-I, 1997

(II) Diploma : (i) Duration—1 year.
(ii) Completed—30 in 1997.

Library : Consists of reference and rare books for research.

PASCHIM BANGA HINDI ACADEMY

1, Bankim Chatterjee Street,
(In the Old Building Complex of the Govt. Sanskrit College)
Calcutta-700 073, Phone : 241-3611

AIMS AND OBJECTIVES

The Paschim Banga Hindi Academy has been functioning under the administrative and financial jurisdiction of the Department of Higher Education, Govt. of West Bengal since 1990.

It was founded by the Govt. of West Bengal to promote, develop and encourage the study of Hindi language and literature in the state of West Bengal, especially among the non-Hindi speaking people, both rural and

urban. Other objectives of the Academy were-(1) to encourage and undertake translation of Bengali classics and scholarly works in Bengali on literature, history, science and technology ; (2) to publish Hindi texts for different classes following the syllabi and curricula meant for non-Hindi speaking people ; (3) to undertake and encourage researches in Hindi language and literature, etc.

STRUCTURE

The Academy is controlled by two principal authorities, viz., a General Council consisting of 61 members and a Governing Body consisting of 23 members. For smooth functioning of the Academy, the Governing Body with the approval of the Govt. of West Bengal has constituted five sub-committees consisting of 5 members each. Sri Jyoti Basu, the Hon'ble Chief Minister, Govt. of West Bengal and Sri Ayodhya Singh, a veteran politician and editor of the Hindi weekly Swadhinata are the Chairman and Vice-Chairman respectively of the Paschim Banga Hindi Academy.

ACTIVITIES

Besides performing its routine duties, the activities of the Paschim Banga Hindi Academy during the past one year (1997-98) may be summed up as follows :

(I) PUBLICATION

The Academy during the year 1997-98 has published two Journals, viz., **Janashruti** Vol. III (August, '97) and Vol. IV (January, '98) and Hindi translation of selected portions of Vidyasagar Rachanavali entitled **"Vidyasagar Rachanavali : Nirvachit Ansh"** ed. by Dr. (Mrs.) Chandrakala Pandey. The said book was released by Prof. Satyasadhan Chakrabarti, Hon'ble Minister-in-Charge of Higher Education, Govt. of West Bengal on 12.12.97 at the Mula-Mancha of the Vidyasagar Mela.

The Academy in this year (97-98) has undertaken a number of projects, including translation into Hindi (a) 'Gram Banglar Galpa', edited by Sri Kamalesh Sen, entitled **"Gram Bangla Ki Kahaniya**; (b) Hindi translation of selected portions of Rammohan Rachanavali entitled **"Rammohan Rachanavali : Chune Huye Ansh"** and publish a collection of poems entitled "Samakalin Hindi Kavita" edited by Sri Arun Meheshwari. Of these the **'Gram Bangla Ki Kahaniya'**, edited by Dr. Subrata Lahiri has already been submitted to the press and the printing work is in progress.

(II) SEMINARS AND SYMPOSIA

The Academy during the year 97-98 organised following seminars :

(a) "Fifty years of India's Independence and Hindi Literature" (at Derozio Hall, Presidency College on 02.8.97)

(b) "Today's Hindi Literature : Its Perspectives and Prospectives—Short Stories" (Seminar Room, Sanskrit College on 29.11.97)

(c) "National Language of India and Problems Concerning the Development of Regional Languages," (at Tarashankar Manch, Vidyasagar Mela on 06.12.97, jointly with the Bangla Academy).

(d) "Contemporary Hindi Literature : Its Perspectives and prospectives—Novels" (at Seminar room, Sanskrit College in March, 98)

FOUNDATION DAY AND AWARD GIVING CEREMONY

On the occasion of the Foundation Day, the Paschim Banga Hindi Academy conferred the Rahul Smriti Purashkar and Premchand Smriti Purashkar, consisting each of a cheque amounting Rs. 10,000.00, a shawl, a memento and a manpatra to sri Harish Bhadani and Sri Awadh Narain Singh respectively for their notable contribution in Hindi literature. The said function was organised at the Derozio Hall, Presidency College, on 02.08.97 and was presided over by Prof. Satyasadhan Chakrabarty, Hon'ble Minister-in-Change of Higher Education, Govt. of West Bengal.

NATIONAL SERVICE SCHEME

The National Service Scheme (NSS) was started in 1969-70 with a view to promoting social consciousness and an essence of responsibility as well as discipline and dignity of labour among college students. The aim of National Service Scheme is "development of personality of the students through Community Service".

The National Education Policy, 1986 provided that the scheme should be executed in such a manner as to provide a third dimension of education.

A State-level Committee headed by the Hon'ble MIC, Higher Education is looking after the implementation of the programme. There is one State Liaison Officer for monitoring the Scheme in the State.

In West Bengal, there is a contingent of volunteers consisting of 30,000 students in most of the Affiliated Colleges under various universities and IIT, Kharagpur. The students in the 10+2 level under the West Bengal Council of Higher Secondary Education are also participants in the programme.

There are 2 types of programmes :

REGULAR ACTIVITIES IN WHICH ALL THE 30,000 STUDENTS TAKE PART IN COMMUNITY SERVICE WITH THE FOLLOWING OBJECTIVE.

Understand the community in which they work ;

Understand themselves in relation to their community ;

Identify the needs and problems of the community in the solution of which they can be involved ;

Develop among themselves a sense of social and civil responsibility ;

Apply their education in finding practical solutions to individual and community problems ;

Develop competence required for group living and sharing responsibilities ;

Gain skills in mobilising community participation ;

Acquire leadership qualities and democratic attitude ;

Develop capacity to meet emergencies and natural disasters ; and

Practice national integration.

Special camping programmes are also organised with a volunteers totalling 15,000 as per guidelines in this respect.

In the Camps as well as for regular programmes, the main theme is Golden Jubilee of Independence of India with special reference of National Integration. In January'98, a National Integration Camp in which students from 14 Universities outside West Bengal took part, was organised by the Bankim Sardar College, 24-Pgs (S) under the Calcutta University. There has been overwhelming participation by the local students as well as the people of the neighbouring villages. The Camp started on 22.01.98 and ended on 31.01.98.

Symposium on AIDS, Blood Donation and Other allied subjects are being held in different districts under the programme. University's Talk AIDS (UTA) have been organised in collaboration with the Regional Office of Youth and Sports Ministry of Govt. of India. As in the previous year Burdwan & Vidyasagar Universities are performing better and have kept the colours flying. A contingent of 10 students visited Gujarat in the National Integration Camp organised at Bhabnagar. In the Republic Day Parade in New Delhi also, a contingent of 10 students participated.

NATIONAL CADET CORPS. (NCC)

The NCC, a premier youth organisation of our country is engaged in the sacred task of promoting the best human values and spirit of national integration amongst the younger generations of our country, being looked after by the Education Deptt. of this State with the help of the Military officers of Army, Navy and Air Wing deputed by the Ministry of Defence, Central Govt. to the NCC Directorate of this State and Sikkim.

ACTIVITIES AND ACHIEVEMENTS DURING 1997-98

NO. OF COYS	AUTHORISED CADET & STRENGTH	ACTUAL CADET STRENGTH	REMARKS
Sr. Divn. : 223	33,405	27,952	Coys include
Jr. Divn. : 594	60,050	54,972	Girl cadets

Institutional Training : Training and parades are conducted statisfactorily under direct supervision of NCC officers. OCS of Units pay a visit to all the institutions once in a month.

Classification firing : Special attention is being paid for the firing during Annual Training Camps (ATCs) and Combind Annual Training Camps (CATCs) to achieve the desired standards.

TRAINING

(a) Army	Camps Held	Cadets Attended
(i) ATC/CATC	85	42,399
(ii) NIC	04	1.260
(iii) COC	04	480

TASK ACHIEVED

(b) Air		
(i) Gliding	—	66
(ii) Flying	—	—

ATTACHMENT TRAINING

Wing	Vacancies Allotted	Vacancies Utilised
(i) Army	659	391
(ii) Navy	005	005
(iii) Air	015	011
(iv) Girls	068	042

MOUNTAINEERING EXPEDITION

	ANO	Cadets	Name of the Hill & Place
(i) Boys	—	1	Baljuri Peak
(ii) Girls	—	—	

MOUNTAINEERING COURSE

Allotted	Utilised
20	17

SOCIAL SERVICE ACTIVITIES

Event	No. of Cadets donors
(a) Blood Donation	492
(b) Anty Dowry Pledge	9,170
(c) Tree Plantation (Trees were planted by Cadets)	37,725
(d) Eye Donatoin	3,465
(e) Anti-Leprosy	3,269
(f) Anti-Drug Drive	1,957
(g) Adult Education	3,002
(h) Pulse Polio Campaign	500
(i) Traffic Control	300
(j) Community Project	6,454

ACHIEVEMENTS AT ALL INDIA LEVEL

(a) **Republic Day Contingent Programme**

ITEM	POSITION
Drill (SD/SW)	IV
Line & Flat	IV
NIA	IV
Best Cadet	XII
Special Achievement Competition	X
Inter Dte March Past Competition	V
National Integration Awarness	VII
Aeromodelling Competition	VII
Inter Dte Competition for R D Banner	X
Overall Position	IX

(b) **I D C Games**

Volley Ball	II
100 Meters Run (Boys)	II
800 Meters Run (Girls)	III
200 Meters Run (Boys)	III
Overall Position	IV

(c) **N R A I Shooting**

WBSW/97/241798 Sgt/Cdt Seuli Sadhukhan of 3 (B) Girls Bn NCC, Krishnanagar participated in the VII All India G. V. Mavlankar Shooting Championship held from 17 to 26.09.97 at Phillour, Punjab winning 3 Gold Medals—2 in Prone Position and Open Entry and 1 in three position event. She also established a new meet record in 3 Position event scoring 439/600 pts.

(d) **Mountaineering Expedition-June, 1997**

SUO Roshan Pradhan of 5 (B) Bn NCC, Darjeeling climbed the 5922 meter high Baljuri Peak as part of the NCC Mountaineering Expedition.

(e) **Entry into Defence Service**

(i)	WBSD/91/252648 SUO Mrinal Kumar Mukherjee	IMA
(ii)	WBSD/92/190143 JUO Kanwar Bhawani Singh	
(iii)	WBSD/91/130288 SUO Tushar Anand	OTA
(iv)	WBSD/92/103688 SUO Sanjib Mukherjee	

(f) **International Award for Young People in India (Erstwhile DEA)**

Cadets of this Directorate, WB & Sikkim were awarded 8 Silver and 18 Bronze Medals.

(g) **The following Cadets were awarded the Governor's Medals at Raj Bhavan on 18th Nov. 1997**

Cadets of this Directorate, WB & Sikkim were awarded 9 for Best Cadets, 1 for Courage and Bravery and 26 for Adventure Activities.

Officers of the NCC Branch visited the R D Camps at New Delhi and distributed incentives to the cadets of this Directorate. Worth Rs. 2.00 lakhs were sanctioned by the Higher Education Department, Govt. of West Bengal.

MISCELLANEOUS ACTIVITIES

The State Government has introduced the following awards in memory of Rabindranath Tagore in 1950, and Bankim Chandra Chattapadhyay and Iswar Chandra Vidyasagar in 1981, to encourage creative writing in different fields in Bengali literature (each award consisting of Rs. 25,000/- in cash and a tamrapatra).

RANINDRA SMRITI PURASKAR

in (a) Bengali literature, (b) Scientific literature in Bengali and
(c) Bengali literature and Culture in a language other than Bengali

BANKIM CHANDRA SMRITI PURASKAR

VIDYASAGAR SMRITI PURASKAR

in (a) prose and (b) children's literature
(See the Appendix for a list of the recipients)

On the occasion of celebration of the birth centenary of Late Professor Satyendra nath Bose, an annual Prize named 'SATYENDRA SMRITI PURASKAR' was introduced in 1993 by the Govt. of West Bengal, Deptt. of Science & Technology. The award is given to the best popular science writer in Bengali, suitable for school students.

WEST BENGAL BOARD OF EXAMINATION FOR ADMISSION TO ENGINEERING, MEDICAL AND TECHNOLOGICAL DEGREE COLLEGES, HOWRAH (or JOINT ENTRANCE BOARD, HOWRAH)

BRIEF HISTORY

The Joint Entrance Board was established in the year 1962 by an Executive Order issued by the Higher Education Department (Technical Branch), Government of West Bengal vide No. 828-Edn(T) dt. 2.3.1962 and subsequently modified from time to time for regulating admission to (I) Engineering/Technological Degree Colleges (from 1971) and Medical/Dental Colleges (from 1972) (II) State Polytechnics (from 1979), (III) Master of Computer Application Courses of B. E. College (D. U.) and Jadavpur University (1989). (IV) B. A. M. S.—Ayurvedacharyya Course/ Diploma in Marine Engineering (1992) and (V) B. H. M. S. (Homoeopathy) Course (1997).

The Office of the Board is situated from the very beginning, at Slater Hall, B. E. College. The Director of the B. E. College is the Chairman of this Board having twenty four Members at present who are Heads of the respective Institutes and Govt. Officers from concerned Departments and one Member Secretary form amongst Senior Faculty Members of BE. College (D U). The Board handled only 5,000 candidates in 1962 which has increased to 90,000 candidates in 1998 (excluding I. T. I.'s which had 45,000 applicants in 1997).

Bfief particulars of different Joint Entrance Examinations conducted by the Board during the year 1997 were as follows :

Name of the Examination	No. of candidates Enrolled	Total merit listed candidates
I. State Polytechnics (JEXPO)	41.774	7,500
II. Engineering/Technological & Medical/Dental Colleges (JEM)	46.467	
i) Engg./Tech.	14,165	
ii) Combined	18,453	2,803
iii) Medical/Dental	13,849	927 (Including SC/ST)
III. Master of Computer Application (JECA)	2,827	180
IV. Diploma in Marine Engg./ B. A. M. S.—Ayurvedacharyya and B. H. M. S.—in Homoeopathy		
i) Engg.	2,627	
ii) Combined	1,720	154
iii) Medical	1,954	602

CHAPTER XI

DAY STUDENTS' HOMES

CHAPTER XI

DAY STUDENTS' HOMES

As we have already said, the Department of Higher Education runs four Day Students' Homes in the city area of Calcutta. All of the Homes are headed by a Warden-cum-Secretary, who is assisted by a number of other employees. The major objectives of these Homes are :

(i) To provide library facilities to under-privileged students at Higher Secondary and graduation levels at a Centre where all text books and references, including journals and newspapers, are made available to them ;

(ii) To provide reading-room facilities to these students with all possible amenities, for an extensive span of 12 hours (8.00 A.M. to 8.00 P.M.) on weekdays and (8.00 A.M. to 2.00 P.M. on Saturdays) ;

(iii) To provide cheap-canteen facilities at a heavily subsidised rate for meals and refreshments for a token payment of 0.20 paise only per meal.

All of the Homes have expectedly become very popular. These centres cater to the needs of poor and meritorious students.

SOUTH CALCUTTA DAY STUDENTS' HOME

61, Prince Anwar Shah Road, Calcutta-700 033 ; Phone : 473-5655
Established 11th July, 1959

Staff Strength : 27, with one post vacant.

Books in acquisition : 14,000, also newspapers and magazines.

Reading Room Space : Can accommodate 200 students at any point of time.

Reading Room Assistance : Two attendants, five assistants and one Reading Room-cum-Library Superintendent.

Other programmes : Special tutorial classes for H. S. Students.

DAY STUDENTS' HOME FOR GIRLS

147A, Rashbehari Avenue, Calcutta-700 029 ; Phone : 464-1194
Established : 1956

Staff Strength : 26, with 4 posts vacant.

Books in acquisition : 20,000, also journals.

Reading Room Space : 100 students.

Other programmes : Prize distribution Ceremony and Educational Tour.

ISHWARCHANDRA PATHABHAVAN

299, Acharya Prafulla Chandra Road, Calcutta-700 009 ; Phone : 350-1438
Established : 1956

Staff Strength : 22

Books in acquisition : 16,000

Reading Room Space : 400 students.

Other programmes : A study centre (2801) of IGNOU is conducted at the building on Saturdays and Sundays.

SRI RAMAKRISHNA DAY STUDENTS' HOME

9, Pasupati Bose Lane, Calcutta-700 003 ; Phone : 555-3143
Established : 1956

Staff Strength : 28, vacant-3

Books in acquisition : 25,225

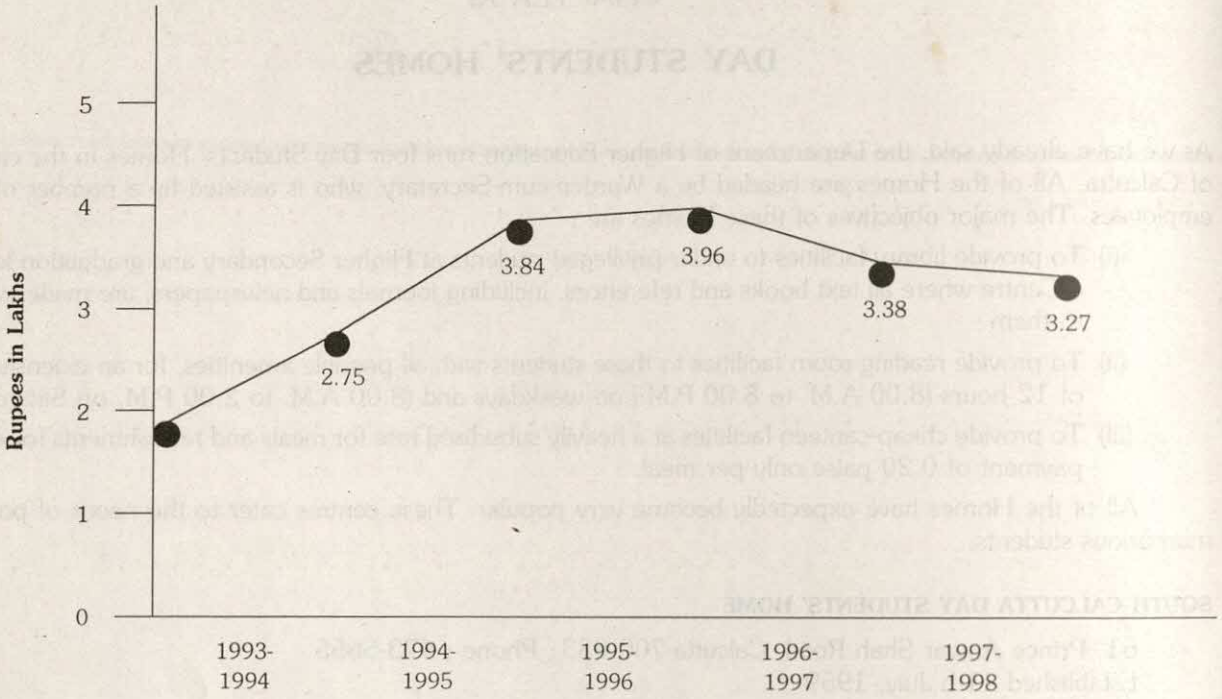
Reading Room Space : 350 students

Other programme : Observation of Foundation Day.

South Calcutta Day Students' Home (Boys)

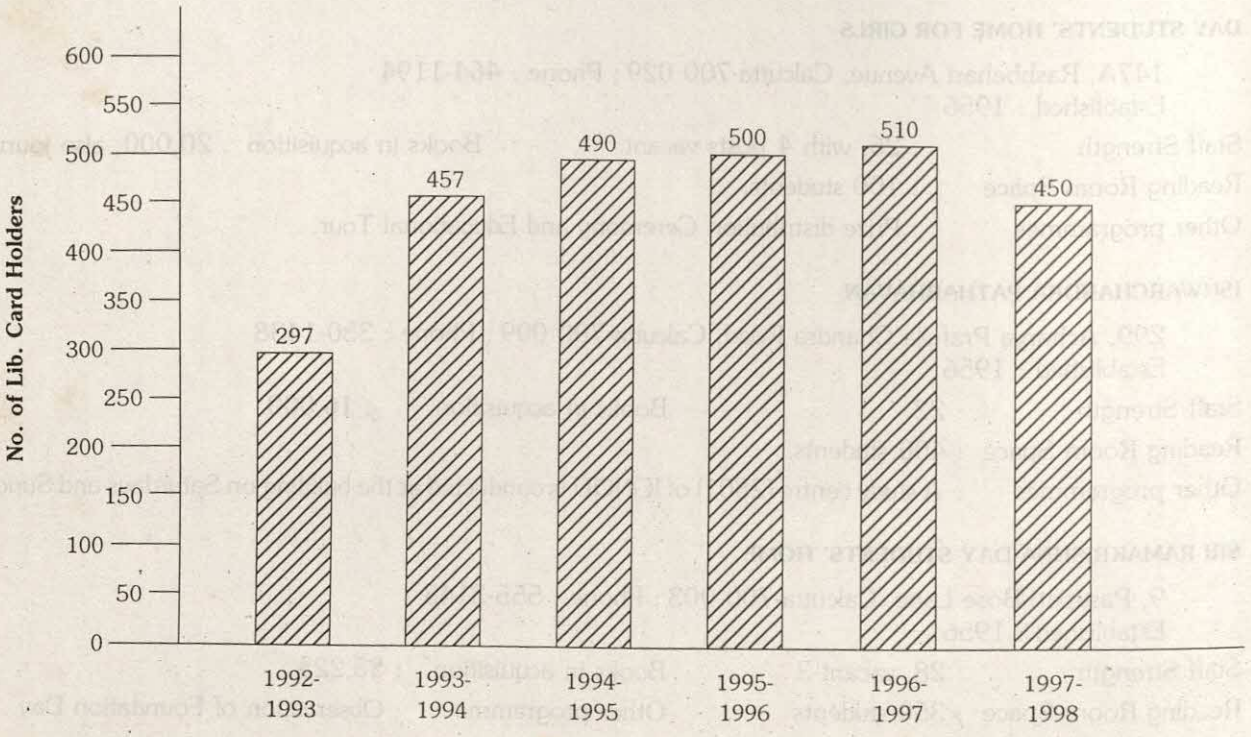
Maintenance Grant From State Govt.

[1]



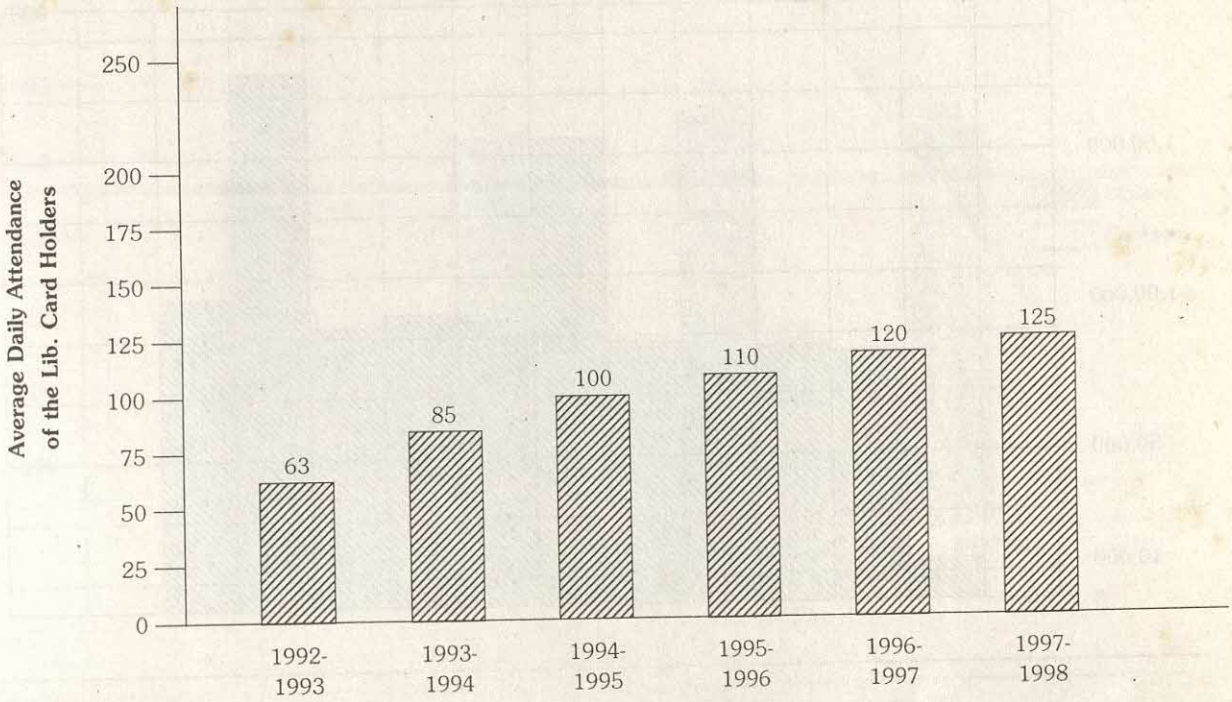
No. of Lib. Card Holders

[2]



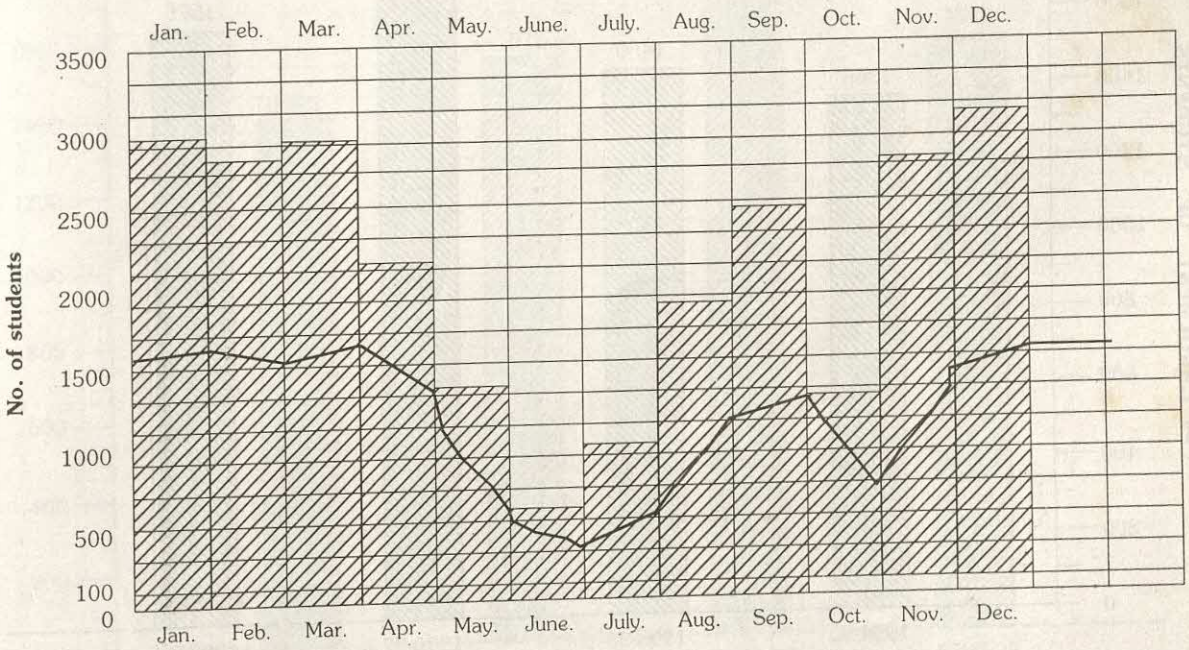
Average Daily Attendance of the Lib. Card-Holders

[3]



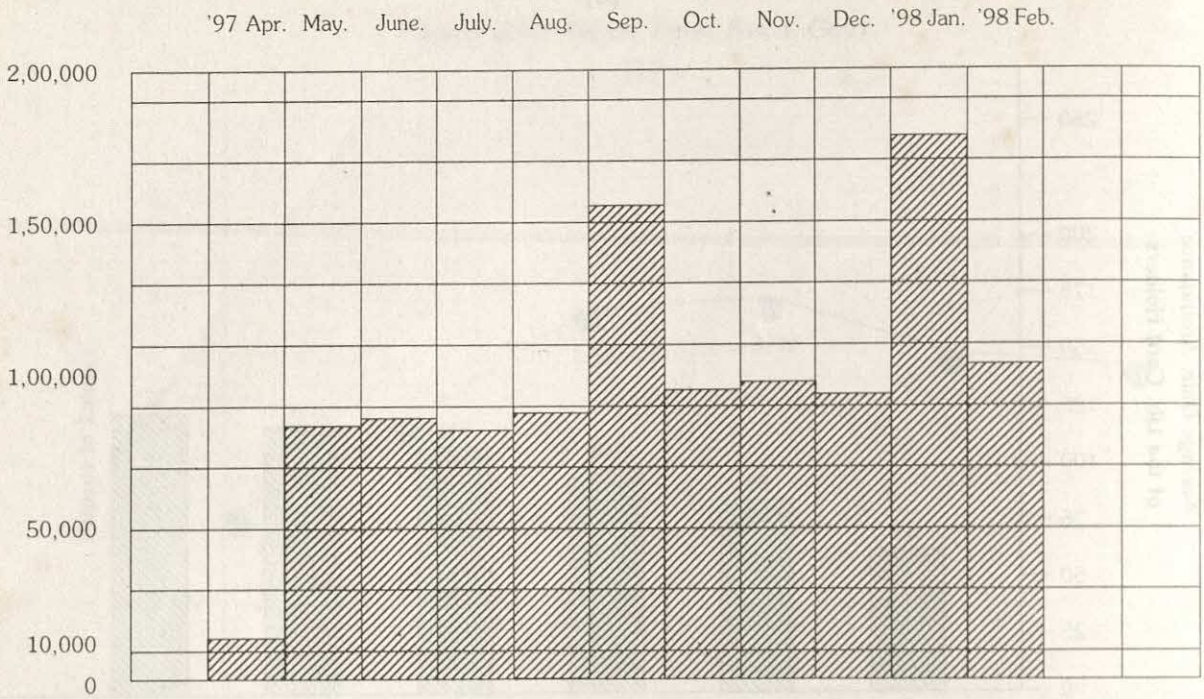
Day Students' Home for Girls

Attendance Chart 1997



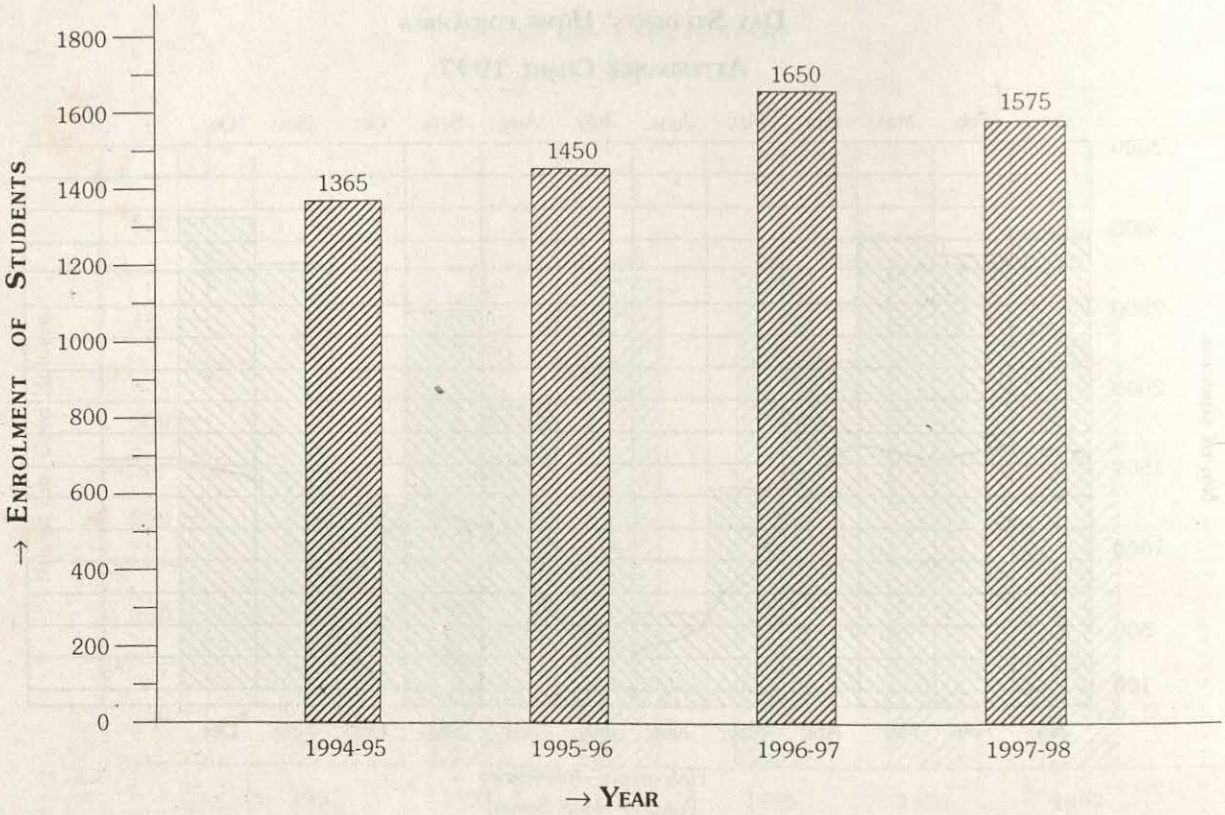
Histograph—Attendance
Polygon—Meal Served

Statistical Chart of Finance : 1997-1998

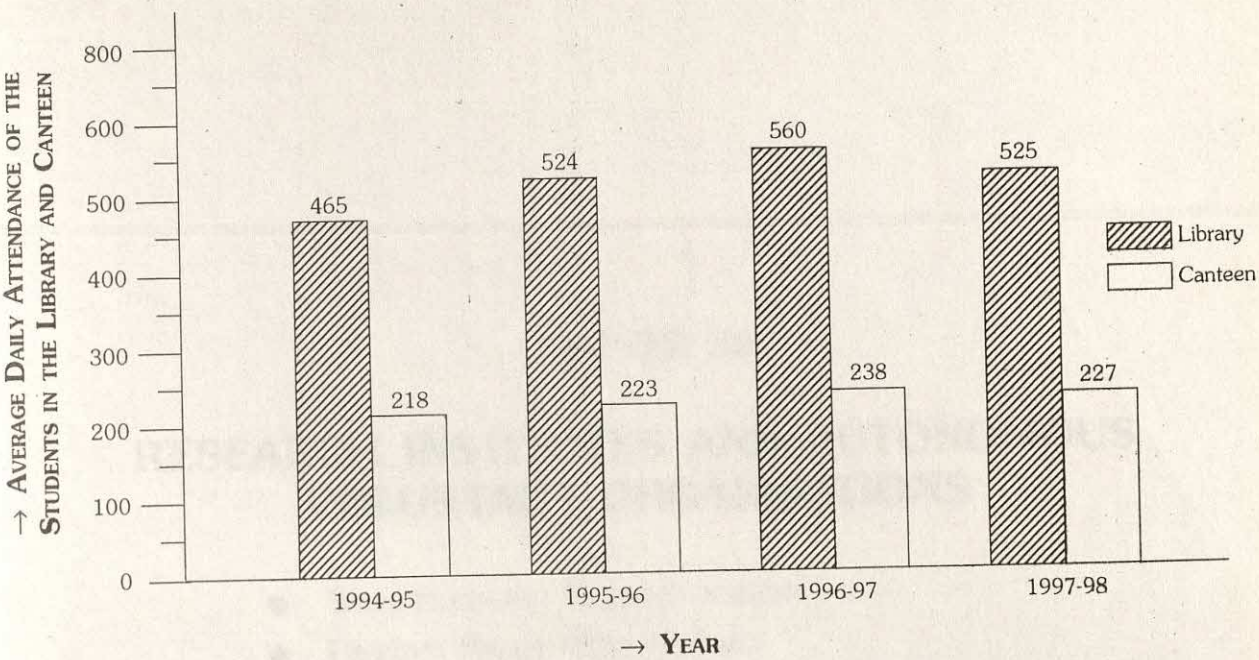


Shri Ramakrishna Day Students' Home

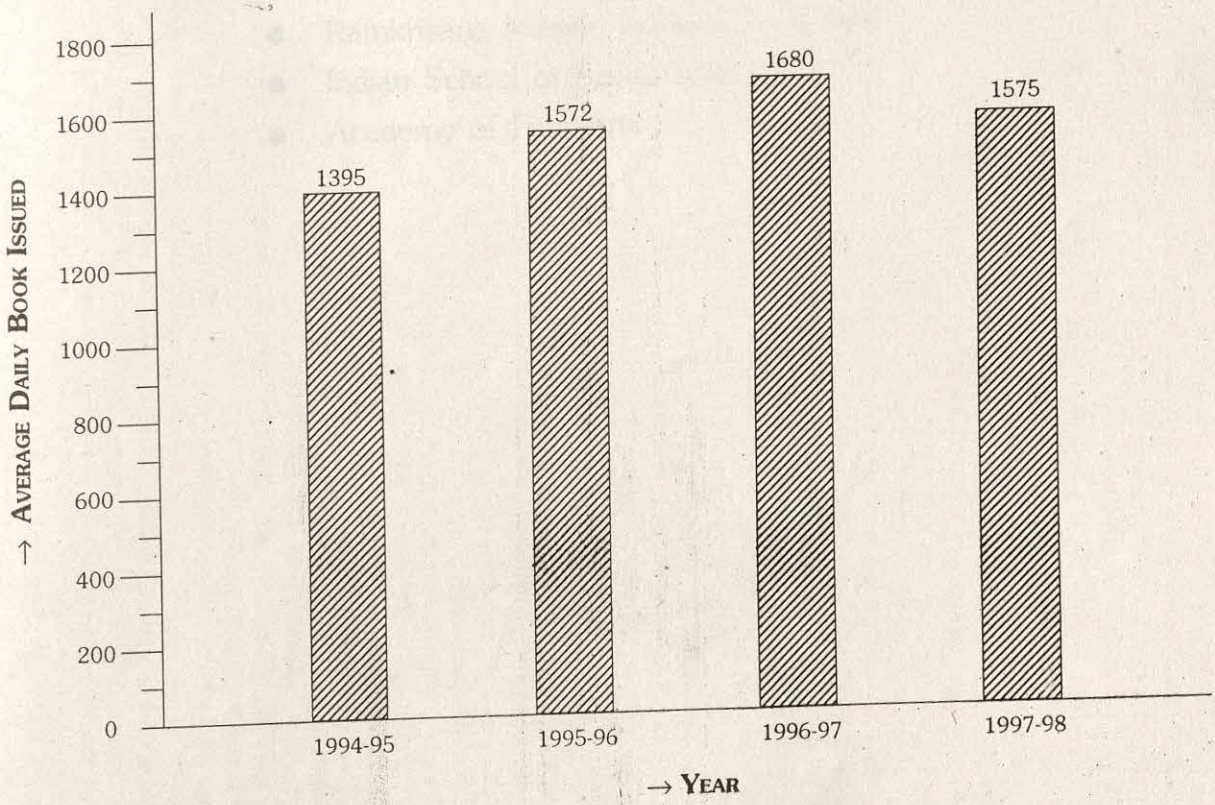
1. Enrolment of Students



2. Average Daily Attendance of the Library and Canteen



3. Average Daily Book Issued in the Library



CHAPTER XII

RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

- Socio-Economic Research Institute
- Paschim Banga Itihas Samsad
- Institute of Historical Studies
- Indian Association for the Cultivation of Science
- Bangiya Bigyan Parishad
- Jagadish Bose National Science Talent Search
- Ramkrishna Mission Institute of Culture
- Indian School of Social Sciences
- Academy of Fine Arts

CHAPTER XII

RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

In West Bengal there are some Research Institutes of repute and also some autonomous/voluntary organisations which are engaged in the promotion of science, arts and culture ; some of them receive grants from the Department of Higher Education. Some such institutions are—

Indian Association for the cultivation of Science	Phone : 473-4971/4688
The Bose Institute	Phone : 350-2402/7073/337-9219
Satyendra Nath Bose National Centre for Basic Sciences	Phone : 247-5236
Centre for Studies in Social Sciences	Phone : 466-5477
Indian Association of Social Sciences, Calcutta	Phone : 478-7530
Paschimbanga Itihas Samsad, Calcutta	Phone : 247-1339
Jagadish Bose National Science Talent Search Foundation, Calcutta	Phone : 334-7973/3977
S. N. Bose National Centre for Basic Sciences	
Socio-Economic Research Institute	Phone : 241-0775/551-6413
Academy of Fine Arts	Phone : 248-4302
R. K. Mission Institute of Culture,	Phone : 464-1303/76-1235/36
Institute of Historical Studies	Phone : 247-5236
Advance Centre for Cryogenic Research, Calcutta	
Indian Association for the Cultivation of Science	
Bangiya Sahitya Parishad	Phone : 473-4971/4688

R. K. Mission Organisations

(i) Narendrapur, South 24-Parganas
(ii) Sarisha, South 24-Parganas
(iii) Rahara, North 24-Parganas
(iv) Vivekananda Shiksha Mandir
(v) Students' hostel, Jokah.
(vi) Jana Sikshamandir, Belur Math

Short accounts of some of these institutions, as mentioned above, are given below.

SOCIO-ECONOMIC RESEARCH INSTITUTE

C-19, College Street Market, Calcutta-700 007
Date of establishment : 7.7.1959
Activities 1997-98

The Institute is devoted to the study on social and economic problems of India, past and present..

The ongoing research projects of the Institute are the following :

1. **Pre-Census Population Project of India Sponsored by the Planning Commission and the Registrar General India**—The purpose of the project is to compile and publish descriptive and statistical materials on any part of India-provinces, districts, cities, towns, taluks, thanas, villages—from the ancient period to 1870 when the first census was conducted. It is proposed to publish 8 volumes, one volume for the period up

to 1800, and one for each decade from 1801 to 1870. Four volumes relating to the period 1801-1840 have been published by the Registrar General India. Manuscripts for 2 volumes—Vol. VI 1841-1850 and Vol. VII 1851-1860—are getting ready for the press. Preliminary work is in progress relating to Vol. I upto 1800 and Vol. VIII 1861-1870.

2. **A Bibliography of Bengali Writings on social sciences 1948 onward sponsored by the Indian Council of Social Science Research (ICSSR), Union Ministry of Human Resource Development**—The Institute has compiled bibliography of economic and sociological writings on Bengali upto 1800 supported by the ICSSR. The bibliography of economic writings in Bengali will be published by the Paschim Banga Bangla Academy. The Institute is now compiling a bibliography of all branches of social science from 1948 onward. Books and articles published in periodicals are being catalogued. The work is likely to be finished by March 1998.

3. **Economic History of India : Documents. 1858-1901—Agriculture and Irrigation—sponsored by the Indian Council of Historical Research (ICHR), Union Ministry of Human Resource Development:**—The purpose of the project is to compile documents bearing on agriculture and irrigation in India from manuscript and published sources. The first phase of the work has been completed.

4. **A Bibliography of Bengali Writings on Sociology and Bibliography Bengali Writings on Science and Technology, 1800-1950**—The former was sponsored by the ICSSR and the later by the Indian National Science Academy. The bibliographies were compiled by 1990. The Department of Higher Education has sanctioned a grant to process the materials with due classification and index so that both the volumes may be sent to the press at an early date.

5. **An Evaluation of Higher Education in West Bengal**—The Institute was entrusted with this responsibility by the Hon'ble Minister-in-Charge, Department of Higher Education, Government of West Bengal. The project is being formulated in collaboration with the West Bengal Council of Higher Education. It may be mentioned that the Institute conducted an evaluation of primary education in West Bengal at the instance of the Chief Minister.

Grants

The grants released or to be released during 1997-98.

	Rs.
1. Maintenance Grant from the Government of West Bengal	65,000
2. Grants for preparing the manuscript of Bibliographies of Bengali Writings on Sociology and Science 1800-1950 from the Higher Education Department	20,000
3. Grant for the Pre-Census Population Project of India from the Planning Commission	90,000
4. Grant for the Economic History of India from the ICHR	18,125
5. Grant for a Bibliography of Social Sciences from the ICSSR	20,000
	213,125

Publication

The Institute's forthcoming publications include new volumes of Bulletin, Bibliographies, reprints of raw materials on Indian economy.

Infrastructure

The Institute's main problem is an acute shortage of space. The Institute has requested the Calcutta Municipal Corporation to provide additional rooms at the College Street Market. It has also requested the Calcutta University to allot some rooms for the Institute.

PASCHIM BANGA ITIHAS SAMSAD

1 Woodburn Park, Calcutta-700 054
Phone : 247-1339/36-3617

Activities 1997-98

Paschim Banga Itihas Samsad is the largest organisation of historians and interested lay persons in history at the state level. It maintains a powerful linkage with the Indian History Congress.

OBJECTIVES

To cultivate history through Bengali medium; To uphold secular and scientific interpretation of history; To develop proper historical spirit to combat communalism and fight for secularism among the people and the student community as a whole;

To help in updating the teaching-learning method in history and history curriculam in school and college level; To publish historical documents and books; To create awareness for preservation and protection of cultural heritage.

MEMBERSHIP

Fees Rs. 50/- (Annual); Rs. 350/- (Life); Rs. 20/- (Student]

ACTIVITIES FOR 1997-1998

Annual Conference held on February 24, 1998 at Sisir Manch. Prof. Romila Thapar delivered the key-note address on "Aryan Problems in History".

Prof. R. N. Basu, V. C. Calcutta University, inaugurated. Prof. Satya Sadhan Chakraborty, MIC, Higher Education, graced the occasion as the Chief Guest. 347 delegates from parts of West Bengal and Bangladesh participated. 108 research papers were presented in the Conference.

SEMINARS AND SYMPOSIUM

"Santal Rebellion of 1855—historical perspective" on June 30 in collaboration with Dept. of S.C.S.T., Govt. of West Bengal

Sushobhan Chandra Sarkar Memorial Lecture on 19 August 1997 in collaboration with Presidency College.

"Protnatatter Aloke Gour Pandua" on 25th February ; Local level seminars on the occasion of the birth centenary of Subhas Chandra Bose at Krishnagar, Purulia, Jiaganj, Rishra, Chandannagore etc.

ESSAY COMPETITION

State-level Essay Competition on "Swadhinater Aloke Sawadhinater Panchas Bachhar" amongst the Plus 2 Students. Total No. of participants 1453.

PUBLICATIONS : (in Bengali)

1. Samrajyer Baki Itihas.
2. Dusho Bacharer Aloke Farasi Biplab.
3. Dharma Nirapeksatar Swapakse Sampradayikatar Biruddhe Spasta Katha Bolte Habe.
4. Itihas Anusandhan (12th part).

Samsad received grant from the Dept. of Higher Education, Govt. of West Bengal for Annual Conference and publication of ITIHAS ANUSANDHAN.

INSTITUTE OF HISTORICAL STUDIES

35, Shakespeare Sarani, Calcutta.

Estd. 1961. Phone : 247-5236

Activities 1997-98

The Institute of Historical Studies, an all-India association of historians based in Calcutta, has sustained activities throughout the year 1997-'98.

I. During the year 1997-'98, the Institute organised two **discussion meetings.** Dr. Bishnupada Das (formerly of Bidhan Nagar Govt. College, Calcutta) delivered a very interesting lecture on the "Neo-Vaishnava Movement : An Aspect of Social History of South-Western Frontier of Bengal", on 16.08.97 while Dr. Jasobanta Kar of North Bengal University spoke on "Netaji Subhas Chandra Bose and Militant Nationalism in India" on 25.10.97. Many distinguished historians attended these meetings.

II. The Institute held its **Founder's Day celebrations** on 7th and 9th June, 1997. Dr. Narendra Nath Bhattacharyya of the Department of Ancient Indian History and Culture, University of Calcutta, delivered the S. P. Sen Memorial Lecture on, "Caste, Class and Social Stratification in Ancient India". Dr. Bratindra Nath Mukherjee, Carmichael Professor of Ancient Indian History, took the chair. The Institute also organised a whole-day Junior Research Scholars' Seminar on this occasion. The seminar evoked much enthusiasm among the junior members of the Institute & their friends. Seven research scholars attached to different Universities presented papers on subjects connected with their own research projects. The celebrations were arranged with the kind financial assistance of the Dept. of Higher Education, Govt. of West Bengal.

III. During this year the Institute arranged several endowment lectures.

(i) Justice Binayak Nath Banerjee Memorial Lecture, organized with the help of an endowment created by the late Justice Banerjee's daughter Sm. Madhuri Chattopadhyay, was delivered on 28th June, '97 by Dr. Pratap Chandra Chunder, eminent jurist and litterateur. His lecture on "Common code of conduct in Ancient India" was highly interesting and informative.

(ii) The Nagendra Sekhar Chakravarty Endowment Lecture of the Institute was delivered on 12th July '97 by Dr. Pranab Kumar Chatterjee, Principal, Haldia Government College, Haldia. On this occasion, Dr. Chatterjee spoke on, "Political Alignments of the Revolutionary Groups in Bengal, 1937-42". Professor Prashanta Kumar Chatterjee, former Professor of History, Burdwan University, presided over the lecture.

(iii) Dr. A. P. Mathur Endowment Lecture was organised for the first time this year on 22 November, 1997, with the help of funds placed at our disposal by Professor Agam Prasad Mathur, former Vice-Chancellor of the University of Agra. Dr. Papia Chakravarty, Reader in History, Jadavpur University, delivered a highly erudite and thought-provoking lecture on the "Problem of Identity and Social Reform in Colonial India : Rammohan and Dayanand—A comparative Study".

(iv) On 14th February, 1998, took place another endowment lecture in memory of late Professor Sunil Kumar Sen. On this occasion, Sri Nripendra Bandyopadhyay, Fellow, Centre for Studies in Social Sciences, Calcutta, spoke on, "Land Reform in India : Problems and Prospects (with special reference to West Bengal)". Dr.Chittabrata Palit, Professor of History, Jadavpur University, presided.

(v) The Institute also organised an annual lecture in memory of its former Director Professor Nisith Ranjan Roy with the kind financial support of the Government of West Bengal. Dr. Pratap Chandra Chunder, the eminent historian, litterateur and jurist, delivered the memorial lecture on 10th January, 1998, his subject being "Calcutta—the Controversial City". Dr. Sitanshu Mukherjee, former Vice-Chancellor of Kalyani University, presided on the occasion.

(vi) On 25th & 26th April '97 the Institute arranged a two-day seminar on Netaji Subhas Chandra Bose with liberal financial assistance from the Govt. of West Bengal as a part of his birth centenary celebration throughout the country. No less than twelve papers were presented by eminent scholars. The object of the seminar was not only to make an unbiased estimate of Netaji's role in India's freedom struggle but also to discuss his stand on different national, international and regional issues of his time and the relevance of his ideas to-day. We hope to publish the papers presented at the seminar in a single volume within the next financial year (1998-99).

(v) The **34th Annual Conference of the Institute of Historical Studies** was held at Kollam (Quilon), Kerala, under the auspices of the local Sree Narayana College, between 27 and 29 December, 1997. The principal theme adopted for the Conference was : "Science & Technology : Their Impact on Indian Civilization through the Ages". Besides, there was also a local theme, namely "South India's Foreign Contacts (ancient to modern periods)". About twenty scholarly papers were presented and discussed. Delegates representing a number of universities and academies all over the country assembled at the conference which was presided over by Dr. T. K. Ravindran, former Professor of History, Kerala University.

(vi) We are happy to announce that the Institute has recently brought out the papers presented at the two-day seminar on Gandhi, held in April, '96, in the form of a monograph entitled **Gandhi Yesterday and Today** with generous financial assistance from the Government of West Bengal. Besides, we have brought out two combined issues (equivalent to four ordinary issues) of our journal **The Quarterly Review of Historical Studies** during the present year.

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
JADAVPUR, CALCUTTA-700 032

Estd. 1876 Phone : 473-4971/4688

Activities 1997-98

IACS is the oldest research institute of the country, founded by Dr. M. L. Sircar for advancement of science by original research and its varied applications. Prof. C. V. Raman worked here from 1907 to 1933. Dr. Meghnad Saha was its first director from 1953 to 1956. It has one of the richest libraries in the country.

The Indian Association for the Cultivation of Science has been continuing its efforts for excellence in scientific research. The various scientific activities and achivements during the year are summarised below :

Solid State Physics Department

Structural properties of crystals of specific interest, especially those involving disorder, crystals having phase transition at low temperature are being studied by X-rays. X-ray diffraction studies of liquid crystals and amorphous materials have also been undertaken. EPR and magnetic investigations on one-dimensional magnetic solids, Jahn-Teller solids, phase transition in dia-and paramagnetic crystals and Solgel glasses are being continued. The Zeeman study of rare earth ions is cesium cadmium trichloride at low temperatures are being carried out. Mossbauer studies on Fe-glases and minerals are completed. Magnetic and optical spectroscopic studies of some rare earth vanadate and phosphate crystals are undertaken. Some new high T superconducting oxides and giant magnetoresistive materials have been prepared and characterised. Experimental and theoretical investigations on ultrasonic and acoustic properties of solids, liquids-liquid mixtures and porus media are being continued. Impedance spectra of some heavy metal fluoride glasses have been studied. A universal ac relaxation in these glasses has been observed. Light emitting diodes have been fabricated using methyl yellow as organic semiconductors. Galvanomagnetic properties and thermoelectric power of some non-conventional glass have been investigated.

Materials Science Department

Department of Materials Science have pursued their research work for the year 1997-98 through the following experimental projects.

1. (a) XRD analysis of metals, intermetalics and nanocomposites,
   (b) Growth and studies of non-linear materials.
2. (a) Preparation of GMR and CMR materials and characterisation of them at liquid helium temperatures under high magnetic field,
   (b) preparation of conducting polymers and characterisation at low temperature under magnetic field.

3. (a) Preparation and characterisation of Diamond and DLC films, nanostructured semiconductor films and epilayers,
   (b) Preparation and characterisation of CIS solar cell.
4. (a) Preparation of conducting polymer composites and their characterisation,
   (b) TCO (ZnO) by sol gel method.

There are however 3 theoretical groups who have done theoretical works of considerable importance :

1. (a) Multiphoton ionisation in atomic and molecular collission, possibility of lasing without population inversion and development of a gauze field theory.
2. (a) Multiphoton dissociation, stimulated Raman and hyper-Raman Scattering in atoms and molecules.
3. (a) Electronic band structure studies of a number of rare-earth compounds.

Theoretical Physics Department

Positron molecule scattering has been studied including all degrees of freedom for the first time. Elaborate calculations on capture of electrons in ion-atom collisions have been carried out. The ionization of atom by electron (Positron) has been investigated. The properties of the pseudoscalar heavey meson like B and D have been studed within and beyond the standard model. The equation of states and thermodynamics as asymmetric nuclear matter occuring in pre-supernova collapse have been studied. Energy levels of Frohlich polarons in a symmetric quantum have been studied. Investigations carried out in astroparticle physics and particle astronomy are worth mentioning. Spherical limit of dynamical models were investigated. Areas of work also include many-body effects in neutrino physics.

Spectroscopy Department

In Spectroscopy Department charge transfer contribution to SERS, crystalline state reactions vibrational relaxation and molecular geometry have been investigated using Laser Raman Spectroscopy. Absorption, steady state and time resolved luminescence spectroscopy have been used to study energy transfer in restricted geometrics, photo induced electron transfer in donor acceptor systems, second order spin orbit coupling and photorotamerism in certain heterocyclic molecules, photoenolization in excited state, orientation and aggregation of molecules in Langmuir-Blodgett films. Dynamical behaviour of Goldstone and soft mode in the vicinity of phase transition temperature has been studied and a theoretical approach to the variation of phase transition temperature from non chiral to chiral smectic C^* phase has been adopted. Nonlinear electrical conduction, dark and photoconduction have been investigated in some organometallic compounds and conducting polymers organised in LB films. A fish-freshness biosensor has been developed. Monte-Carlo simulaltechnique has been utilised for multipolar and exchange mediated energy transfer and trapping in a ternary solid. Time dependent linear response theory has been applied to study collective excitation modes of many particle systems. The effect of Debye plasma on the excitation specturm of atomic systems was investigated. Hyperspherical coordinate approach has been applied for studying correlation effects in low Z atomic systems. A highly correlated wave function involving interparticle coordinates is being used for studying double excitation effects in two particle systems. Theoretical investigation of multiphoton ionisation of small molecules under intense laser field and study of the vibrational branching ratio and photoelectron angular distribution has been performed. Lasing without population inversion in H from autoionising states has been investigated.

Energy Research Unit

During the period under review considerable progress has been made towards the development of materials and fabrication technology for Multijunction a-Si solar cell. The performance of the solar cell which has been achieved is suitable for production for modules of power application. Steps have been taken towards commercialisation of this technology.

Excellent work has been done towards modelling for a-Si solar cell and interesting results have been obtained for improving their performance.

In addition to the development of a-Si solar cell work has been initiated towards development of process, materials and fabrication technology for Polycrystalline silicon solar cell. This activity is being funded by MNES and Indo-French Centre for Advanced Research.

Recently under a project sponsored by Deptt. of Science & Technology laboratory is being set up for Plasma Diagnostics. This would considerably help activities on materials development for solar cell.

We have collaboration with an Institute in Germany for material aspects of a-Si solar cell and with France on development of Polycrystalline silicon solar cell.

MLS Professor's Unit

Work has been carried out on preparation and characterisation of barium hexaferrites in nanocrystalline form by the glass-ceramic route, electrical properties of bismuth-substituted solf ferrites, composites of ferroelectric glass-ceramics and semiconducting nanodispersoids, nanocomposites of metal in a gel medium by electrodeposition and their electrical behaviour, nanoparticles of oxide in a silicate glass.

Physical Chemistry Department

The quantum evolution of a chaotic system in contact with surroundings has been investigated to identify three distinct stages of quanted evolution.

Novel experimental results were obtained in the dynamics of solvation in the restricted environments (reversed micelles, zeolites etc.)

Dr. Kankan Bhattacharyya has been awarded the Shanti Swarup Bhatnagar Award of the CSIR in 1997.

Prof. D Mukherjee was elected a member of the International Quantum Academy of Science in 1997.

Inorganic Chemistry Department

Selected contributions of the Deptt. of Inorganic Chemistry during the year 1997-98 include syntheses of specially designed low spin iron (III) and manganese (III) complexs, azamacrocyclic transition metal complexes, platinum organometallics, mixed valent oxovanadium species, complexes exhibiting unusual coordination geometry and linkage isomerism ; metal promoted chemical and photochemical transformation and activation of C N single bond in organic molecules ; application of rittner's model in ionic diatomic molecules, reactivity of platinum (II) and palladium (II) complexes with nitrogen bases and redox behaviour of nickel (II) (III) (IV) and iron (II) complexes, and fixation of carbon dioxide in complexed cadmium (II) species.

Organic Chemistry Department

The department is actively persuing researches in the area of synthesis of complex natural products of plant and marine origin which are biologically and ecologically important, development for novel methods of synthetic transformations, studies on excited state behaviour of molecules and heterocyclic chemistry. Radical induced carbon-carbon bond formation and bond scissons and acid-catalysed molecular reorganisations have been employed for synthesis of sesquiterpenes like cedrene etc. and lignans. Application of transition metals like palladium, copper etc. derivatives has uncovered new methods of synthesis of some biologically active uracils and related compounds. Utility of metals and their salts in selective functional group manupulations has been explored and generalised.

Biological Chemistry Department

In the Biological Chemistry Deptt. with the objective of preparing vaccine against *E. coli* 0128, 0125 and 0126 causing infantile diarrhoea, the structure of the O-antigenic part of lipopolysaccharide has been determined. Immunodominant oligosaccharides related to E. coli *Klebsiella* and different *Shigella dysenteriae* have been synthesised. New methodologies to construct novel syntheses have been developed. Lectins from diverse origins have been chemically characterised and ultrastructural localisation of lectin in the seeds and different parts of *Saraca indica* flower has been determined by **TEM.** Diagnostic methodology of ascariasis has been developed. Nutritive value of *K. Fragilis* food yeast and *Pleauretus sajorcaju* edible mushroom have been ascertained and found to be a good source of essential fatty acids and vitamins. The vital clue leading to the understanding of the biochemical basis of malignancy with reference to methyl glyoxal has been established.

Polymer Science Unit

1. Interpenetrating polymer network composites of polypyrrole and some conevntional matrix polymers having outstanding low percolation thresholds have been prepared.
2. The mechanism of stabilization of polyacrylamide dispersions has been worked out.
3. Thiophosphoryldisulphides have been used to make coherent blend vulcanizates obtained from ethylene-propylene rubber and carboxylated nitrile rubber which differ greatly in polarity.
4. The blend morphology of poly (vinylidene fluoride) crystals in the presence of polymethyl methacrylate has been studied.
5. The interfacial and bulk properties of various combinations of anionic, cationic and nonionic surfactants have been studied.

Statistical profile for the period 1997-98
(Upto October '97)

Total No. of staff :	345
Total No. of Academic staff :	75
Total No. of Non-academic staff :	270
Total No. of Scholars & Associates :	115
Total No. of Project Staff :	19
Total No. of Project Scholar & Associates :	125
Total No. of Publication :	291
Total No. of Ph.D.	38
Total No. of Patents filed :	2
Bhatnagar Award :	1

BANGIYA BIJNAN PARISHAD

Satyendra Bhaban, P-23, Raja Rajkrishna Street
Calcutta-700 006, Ph. : 555-8417

OBJECTIVES

To popularise the science subjects and to develop the scientific spirit among the people and students ;
To hold discussions, meetings, seminars, conferences, workshops etc.
To publish journals, text books at various levels ;
To conduct vocational training programmes based on science and technology.

ENROLLED MEMBERS

Ordinary	361
Life Membership	458

Open to all beyond 18 years of age.

SATYENDRANATH BASU BIGYAN KENDRA (Vocational Training Centre)

Courses	Enrolment
Photography	43
Photography (advanced)	12
T. V. (B & W)	12
Radio-Tape etc.	11
Yoga Theraphy	36
DMLT	23

Computer	20—WEBEL Informatics Assisted Project.
Electronic Motor and Pump Repair	—
T. V. (Colour)	—

ACTIVITIES

To observe the birth anniversary of Prof. Satyendranath Bose

Publication of science text books for school children and journal—*Gyan-O-Bigyan*, in Bengali.

To publish the Golden Jubilee Volume of the Parishad.

Activity Programmes ('Asar') on *Gyan-O-Bigyan*

A total of 9 programmes during 1996-97 on every second Saturday of each month at 3 P.M. with the writers on science subjects. It has already become a highly popular programme.

'Gopal Chandra Bhattacharya do yourself session'. 'The Nature Study Session' on every second Saturday from 4 P.M.

Sit and draw, Science-sittings and 'To know the Sky' on every 4th Saturday at 4 P.M. afternoon and 7 P.M. evening respectively.

SCIENCE POPULARISATION PROGRAMMES OBSERVATION AND ARRANGEMENT OF

(i) Foundation Day Celebration and Convocation
(ii) World Environment day
(iii) Rajsekhar Basu Memorial Lecture.
(iv) 'Hiroshima Nagasaki Day'
(v) Photo Exhibit and exhibition
(vi) Shyamadas Chattopadhyay Memorial Lecture
(vii) Hale-Bopp Comet Observation Camp
(viii) Solar Cooker demonstration

The Higher Education Department, Govt. of West Bengal granted Rs. 20,000/-for publication of *Gyan-O-Bigyan*.

JAGADISH BOSE NATIONAL SCIENCE TALENT SEARCH

GC 187, Sector-III, Salt Lake City, Calcutta, Phone : 334-7973

Establishment : 1st July, 1960

OBJECTIVES

To search and nurture talent among promising students of science at School, College etc.,

To provide all possible support to promising students having special talent for science ;

To select scholarship winners ;

To promote the areas of scientific researches ;

Conserve scientific talent to provide for the nations need ;

Help Students realise the importance of excellence in scientific world and to cultivate this in their lives ;

PROGRAMMES

(a) The Scholarship Programme—Two levels.
  (i) Senior Scholarship Programme
  (ii) Junior Scholarship Programme
(b) Follow up and talent enrichment programmes are administered for scholars.

SENIOR SCHOLARSHIP PROGRAMME

12 Scholarships for 4 to 5 yrs., each scholarship being applicable for degree course in Science, Engineering & Medicine.

Other facilitative programme available for U. G. science students of West Bengal.

JUNIOR SCHOLARSHIP PROGRAMME

15 scholarships available for High School Students for 2 yrs. and other supportive programmes for 7 North Eastern states students and for students of Jalpaiguri, Darjeeling and Coochbehar.

FOLLOW UP PROGRAMMES

Activities as visits of scientific establishments, meeting with scientists, advanced summer placement, seminars and summer classes, distance education, guidance, counselling etc.

Science workshop for School students between classes IX & X.

Annual Science Fairs—for high school and U. G. students.

AWARENESS PROGRAMMES

Visit to schools & colleges in the region.

AWARDS

Senior Scholarship—Rs. 350/- per month

Book grant of Rs. 500/- per year.

Duration 5 yrs. till M.Sc. or till the completion of the professional course.

JUNIOR SCHOLARSHIPS (Senior/H. S. Students)

Rs. 150/- per month

Book grant of Rs. 200 per year.

2 yrs. for classes XI & XII.

Encouragement Award—An Honour certificate

A one time book or science equipment prize for the runners up.

Science Fair prizes—for the best entries.

Best School of the Year Award at the Senior/Junior level.

Continuation of prizes depends on good performance at subsequent levels.

Application Criteria—(i) Indian Citizen, (ii) H. S. & equivalent examination passed, (iii) studying in any recognised institution in West Bengal with Hons. in Science, Engineering or Medicine.

Junior Programme—(i) Secondary or equivalent examination pass, (ii) studying in any recognised institutions of the states and districts concerned.

Age limit—No age limit but to enter only once in the year of passing the final examination & immediately after the publication of examination results.

Selection process—Written test conducted in English/Bengali for senior level and in English/Hindi for Junior level.

Annual prize distribution ceremony—Held around December every year.

Activities : Building up Awareness :

Involvement of 3200 students—visits to more than 14 schools of N. E. states and West Bengal ;

Field trip to Joynagar on Oct., 24, 1995 in connection with the solar eclipse ;

Celebration of National Science Day on Feb' 28, 1996

Book gift to local schools.

Workshops on (a) Frontiers of Science & Maths. on June 3-21, 1997 & (b) Molecular Structures on December 5-8, 1997.

Earth through the glasses of science—April 20, 1996 at Dimapur, Nagaland.

Wonders of the Sky—Oct. 26 to Nov. 2, 1995 at Guwahati Planetorium ;

Atoms, Molecules and Bands—Feb. 7-16, 1996 in Calcutta with students, from N. E. States and West Bengal. Vacation class in Physics & Maths. for recipients of JBNSTS awardees on October 17-23,1997.

SEARCHING THE TALENT

Junior level—Participation—952 students in 9 centres in Assam, Arunachal Pradesh, Tripura, West Bengal, Maghalaya & Nagaland, held on September 4, 1997.

16 selected boys were given scholarship.

Senior level—Participation—306 students.

11 students selected for scholarship

Encouragement Awards—given to 13 studnets.

St. Xavier's College was adjudged as the Best School of the year, Similarly, Sishu Bihar H. S. School, Agartala was selected as the best school under the Junior category.

Follow-up visit to BITM, Calcutta, Bose Institute, Indian Museum, Birla Planetarium & Science City.

Visits to Indian Institute of Science, Indian Institute of Astrophysics,Raman Research Institute, Jawaharlal Nehru Institute and National Institute for Mental Health and Neuro Sciences.

SEMINARS AND COLLOQUIA

Topics—Acharya J. C. Bose : his life and work, Sir J. C. Bose and radio sciences.

TABLE : SENIOR SCHOLARSHIP CONTEST

The distribution of 306 eligible candidates in 1996 according to place of study

		No. of eligible Candidates
University	—	153
Affiliated Colleges under Calcutta University	—	93
Indian Institute of Technology, Kharagpur	—	28
Jadavpur University, Calcutta	—	9
Affiliated Colleges of Kalyani University	—	5
Affiliated Colleges of Vidyasagar University	—	7
Affiliated Colleges of Burdwan University	—	4
Indian Statistical Institute	—	4
Affiliated Colleges of North Bengal University	—	1
Bengal Engineering (Deemed University)	—	
	Total	306

THE RAMKRISHNA MISSION INSTITUTE OF CULTURE

Venue : Gol Park, Calcutta-700 029, Phone : 464-1303

Establishment : 1938

OBJECTIVES

To upgrade and disseminate the cultural values of Indian civilisation as interpreted by Rama Krishna and Vivekananda ;

To establish and maintain contacts with foreign scholars.

CENTRES

A. Centre for Indological studies, a branch of the R. K. Mission.

(i) Provides first lessons in Sanskrit to foreign students,

(ii) Offers courses on the study of ancient scriptures,

(iii) Offers specialised studies on different Sanskrit texts to Indian and foreign students,

(iv) Teaches Indian Philosophy twice a week ;

B. Vivekananda Archive :

C. The school of languages.

(i) teaches 12 languages—

8 foreign—Arabic, German, Chinese, English, French, Japanese, Persian and Spanish ; 4 Indian Languages—Bengali, Hindi, Sanskrit and Urdu.

Number of students in each semester is about 6000.

D. International Houses.

A Guest house for Indian and foreign guests providing opportunities for cultural exchange on a global basis.

Museum & Art gallery and Sarada Devi school of Fine Arts.

Items in collection

(i) Paintings	—	318
(ii) Sculptures	—	313
(iii) Folk-art objects	—	322
(iv) Pata and Scroll paintings	—	71
(v) Mss	—	156

LIBRARY

Total Books—1,99,228, Junior section—5,850, Children section—13,670, Total No. of Periodicals—434
Average daily attendance during 1996—1,034

ACTIVITIES

Lectures, discourses etc. Total No. 330

Seminars and sympsia—

(i) Concepts of knowledge East and West
International Seminar on :

(ii) Sister Nivedita

(iii) Symposium on Swamiji

Field extension programmes on value orientation

(i) Total Nos. — 30 Youth conferences

(ii) 13 teachers Conferences.

Total participants — 13,000

Research publications—

(i) Sabda Shastrer Itihas (History of science of the grammar and lexicography of sanskrit. Pali and Prakit)—Kalijiban Dev Sharma.

(ii) *Aspects of Vedanta.*

(iii) *Jainism.*

Research activities of various kinds are also undertaken/patronised by the Institute and sometimes in collaboration with Jadavpur University, Rabindra-Bharati University etc.

Vivekananda Award of the cash value of Rs. 10,000

All India Elocution competition on Vivekananda, Shri Ramkrishna and Mother Sarada Devi.

Award of educational assistance—Student recipients—200

(i) Scholarships and stipends

(ii) Debesh—Kamal scholarship for higher education and research.

The Department of Higher Education, Government of West Bengal, extended financial grant for the maintenance of the institute.

The institute is one of richest cultural centres in West Bengal.

INDIAN SCHOOL OF SOCIAL SCIENCES, CALCUTTA

66 Acharya P. C. Road, Calcutta-700 009

Establishment : 1973

ACTIVITIES :

(i) Undertaking scientific and continuous study of the trends in economic, political, judicial, educational, cultural and other social spheres in India ;

(ii) Undertaking and promoting research on economic, political and other problems of immediate interest ;

(iii) Conducting training courses in different subjects for the benefit of participants at different levels such as political workers, peasants, trade unions, teachers and students ; and

(iv) arranging lectures, seminars, symposia and conferences with a view to promoting the study of social sciences.

Since its inception, the School has been organising lectures, national and state-level seminars and symposia mainly on issues of contemporary interest with the participation of eminent scholars and social scientists. The first national seminar organised in 1978 on the Federal Polity was a pioneering one which initiated the national debate on Centre-State relations in India.

The school has been bringing out in Bengali, a bi-monthly journal *Samaj Samiksha* devoted to the exclusive study of social sciences.

THE ACADEMY OF FINE ARTS

2 Cathedral Road, Calcutta-700 071, Phone : 248-4302

Establishment : 1933

It is one of the pioneer institutes in India in the field of Art and Culture. Since its inception it has dedicated itself for the purpose of promotion and advancement of art and culture not only in West Bengal but also in other parts of India.

OBJECTIVES

To guide and encourage the development of Fine Arts and Crafts in India ;

To organise exhibits and displays of Fine Arts and Crafts in India and other countries ;

To offer prize money, medals, scholarship, certificates, diplomas, fellowships and associateships in India and abroad for encouraging artists ;

To arrange lectures, advance courses of study and to take up such other educational and advisory work as are deemed necessary to further the activities of the academy.

To publish journals, periodicals etc.

COURSES

Diploma in Visual Arts	3 years	Qualification S. F.
Diploma course on Commercial Art (Applied Art, Interior Design & Decoration)	1 year	" H. S.

FACILITIES

A well equipped library ;

Two air-conditioned auditoriums—one for conference and seminar and the other for performance of drama by outside theatre groups ;

Five Exhibition Halls, rented out to artists for display and exhibition (free for physically handicapped artists) ;

A museum having nine galleries of different artistic objects—

(a) Rabindra Gallery

(b) Miniature Paintings gallery

(c) Contemporary art gallery

(d) Textile gallery

(e) Carpets gallery

(f) Gallery of old engravings of Calcutta and other places of interest in India

(g) Gallery of Ram-Sita Series

(h) Gallery of Rag-Ragini Series of miniature paintings

(i) Gallery of contemporary graphics and line drawing ;

Academy's studio sketching club ;

Children's studio.

ACTIVITIES

Publication of Art Bulletin ;

Annual All India Fine Arts Exhibition ;

Sending art objects to rural areas for display by Mobile Art Van ;

Various art exhibitions organised by outside groups.

FINANCIAL ASPECTS

Received Rs. 16,00,000 from Govt. of West Bengal (Social Education)

APPENDICES

APPENDIX I (A)	:	Subject Code
APPENDIX I (B)	:	Colleges And Subjects And Decadal Growth of Colleges
APPENDIX II	:	Functionaries (Department of Higher Education)
APPENDIX III	:	Telephone Index
APPENDIX IV	:	Puraskar
APPENDIX V	:	Enrolment in Colleges
APPENDIX VI	:	State Book Board : List of Publications
APPENDIX VII	:	U. G. C. List of Fake Universities
APPENDIX VIII	:	Vocational Subjects
APPENDIX IX	:	J. B. N. S. T. S. Senior Scholarship Winners

SUBJECT	CODE
ELECTIVE LANGUAGE GROUP (L) (SUBJECT)	
Bengali	B.
English	E.
Sanskrit	S.
Hindi	H.
Nepali	N.
Tibetan	T.
Arabic	Ar.
Persian	Per.
Urdu	Ur.
Linguistic	Ling.
Latin	Lat.
French	Fr.
Pali	Pa.
Gujrati	Guj.
Hebrew	Heb.
Syrian	Syr.
Oriya	Or.
Tamil	Tam.
Malayalam	Mal.
ELECTIVE HUMANITIES GROUP (ARTS SUBJECTS OTHER THAN LANGUAGE) (H)	
History	Hist.
Ancient Indian History	AIH.
Mathematics	Math.
Pol. Science	Pol. Sc.
Botany	Bot.
Economics	Ec.
Philosophy	Phil.
Education	Edn.
Sociology	Soc.
Music	Mus.
Film Studies	F. Stud.
Geography	Geog.
Journalism	Jour.
Islamic History & Culture	IHC
ELECTIVE SCIENCE GROUP (Sc.)	
Physics	Phy.
Chemistry	Ch.
Mathematics	Math.
Zoology	Zoo.
Botany	Bot.
Economics	Ec.
Anthropology	Anthro.
Statistics	Stat.
Computer Science	Comp. Sc.
Electronics	Elect.
Geology	Geo.
Geography	Geog.
Pre-medical	P. Med.
Plant Protection	Plt. Prot.
Industrial Chemistry	Ind. Chem.
Psychology	Psy.
Physiology	Physio.
Molecular Biology	M. Bio.
Chem (A)	Chem A
Bio-Physics	Bio. Phy.
Bio-Chemistry	Bio. Chem.
Defence Studies	Def. Stud.
Nutrition	Nut.
Micro-Biology	Mi. Bio.
COMMERCE GROUP (COM.)	
Auditing	Aud.
Accountancy	Acc.
Banking & Currency	BC
Foreign Exchange	F. Ex.
Advance Accountancy	Adv. Acc.
Advance Banking & Currency	Adv. Bank
Finance & Administration of Public Corporation	F. Adm.
L. S. G. Bodies	LSG
Book Keeping	BK
Business Organisation	BO
Income Tax	I Tax
Costing	Cos
Industrial Law	I Law
Com. Mathematics	Com. Math.
Com. Geography	Com. Geog.
VOCATIONAL SUBJECTS (VOC.)	
Functional Hindi	F. Hin
Office Management & Secretarial Practice	Off Mgt. & Prac.
Tax Procedure & Practice	Tax Prac.
Communicative English	Comm. Eng.
Clinical Nutrition & Dietics	Cl. Nut.
Industrial Chemistry	Ind. Chem.
Computer Education/Application	Comp. App.
Sericulture	Ser
Tourism & Travel Management	Tour-Tra
Industrial fish & fisheries	Ind. Fish
Advertisement, Sales Promotion and Sales Management	Ad Sale
Seed Technology	Se Tech.
Archaeology and Muscology	Arch. M.

FOR HONOURS SUBJECTS THE CODE SIGN.

as ***B. E. Hist. Phy.*** *etc.*

APPENDIX–I (B)

COLLEGES AND SUBJECTS

COLLEGES IN CALCUTTA (CU)

GENERAL DEGREE COLLEGES

	Subject
1. Acharya Jagadish Chandra Bose College, (1968) 1/1B, A. J. C. Bose Road, Calcutta–700 020 Ph. : 242-5181	**Sc.** : ***Phy, Chem., Maths.,***—B. Ed.
2. Ananda Mohan College, (1961) 102/1, Raja Rammohan Sarani, Calcutta–700 009 (City Group), Ph. : 350-1565	**L** : ***B., E., S.,*** H.,:Or. **HU** : ***Hist., Phil.,*** Pol. Sc. **Sc.** ***Phy., Chem., Math., Zoo.,*** Bot., ***Physio., Ec.*** **Com.** : P.
3. Asutosh College, (1916) 92, Shyamaprosad Mukherjee Road, Calcutta–700 026, Ph. : 455-4504	**L** : ***B., E., S.,*** H., Ling. **HU** : ***Hist., Pol. Sc., Phil., Soc., Psy., Sc.***: ***Phy., Chem., Math., Zoo., Bot.,*** Anthro., ***Stat., Ec., Geog., Chem.*** A. Comp. Sc., ***M. Bio.*** **Com.** : P. **Voc** : Ind Fish.
4. Bangabasi College, (1896) 19, Scott Lane, Calcutta-700 009, Ph. : 350-0273	**L** : ***B., E., S.,*** H., **HU** : Hist., ***Pol. Sc., Phil., Ec. Sc.***: ***Phy., Chem., Math., Zoo., Bot., Anthro.,*** Comp. Sc. **Com.** : P:***Acc.***
5. Bangabasi Evening College, (1964) 19, Raj Kumar Chakraborty Sarani, Calcutta–700 009 Ph. : 350-9210/351-0304	**L**: ***B., E.,*** **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.**: Phy., Chem., ***Math.,*** Zoo., Bot., Anthro., ***Ec.***
6. Bangabasi Morning College, (1965) 19, Scott Lane, Calcutta–700 009, Ph. : 350-9210	**L** : ***B., E.,*** H., Ur. **HU** : Hist., ***Pol. Sc.,*** Phil., Ec. **Sc.**: ***Phy., Chem., Math., Zoo.,*** Bot., Anthro., **Com.** : P. ***Acc.***
7. Bangabasi College of Commerce, (1964) 35, Scott Lane, Calcutta-700 009, Ph. : 350-1426/352-7741	**Com.** : ***Acc.***
8. Basanti Devi College, (1959) 147B, Rash Behari Avenue, Calcutta–700 029 Ph. : 464-1012 (W)	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil., Edn.*** **Sc.**: Phy., Chem., Math., Ec. **Com.** : (Eve.)
9. Bethune College, (Govt.) (1879) 181, Bidhan Sarani, Calcutta–700 006 Ph. : 241-1731 (W)	**L** : ***B., E., S.,*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.**: ***Phy., Chem., Math., Zoo., Bot., Ec.,*** Chem A., Psy.
10. Bhawanipur Education Society College, (1966) 5, Lala Lajpat Rai Sarani, Calcutta–700 020 Ph. : 247-2275	**L** : ***B., E.,*** H., ***Guj.,*** Ur. **HU** : ***Hist., Pol. Sc., Phil., Edn.*** **Com. : (*Elec Gr. A*). Sc.**: ***Phy., Chem., Math.,***Stat., ***Ec.,*** Elect., Comp. Sc.
11. Calcutta Girls' College, (1964) 169, Lenin Sarani, Calcutta–700 013 Ph. : 245-0414 (W)	**L** : B., E., Ur. **HU** : Hist., Pol. Sc., Ec., Edn.
12. Charuchandra College, (1947) 22, Lake Road, Calcutta–700 029, Ph. : 466-3771	**L** : ***B., E.,*** S., H., **HU** : ***Hist., Pol. Sc.,*** Phil., **Sc.**: ***Phy., Chem., Math., Zoo., Eco.,*** Chem. (A)
13. Charu Chandra Evening College, (1985) 80, R. K. Ghosal Road, Cal–42, Ph. : 465-4638	**L** : B., E. **HU** : Hist., Pol. Sc., Phil., Ec., Phil. **Com.** : ***Acc., Adv., Acc. Aud.***

		Subject
14.	Chittaranjan College, (1967) 8A, Beniatola Lane, Calcutta–700 009 Ph. : 241-4570	**Com.** : ***Aud., Adv. Acc., Elec. Gr. A.***
15.	City College, (1884) 102/1, Raja Rammohan Sarani, Calcutta–700 009 Ph. : 350-1565/6505	**L** : ***B., E., S.,*** H., Ur. **HU** : ***Hist., Pol. Sc., Phil., Sc.***: ***Phy., Chem., Math., Zoo., Bot., Ec., Physio.***, **Com.** : ***Acc.***
16.	City College of Commerce (1961) 13, Surya Sen Street, Calcutta–700 012 Ph. : 241-1065 (Evening)	**Com.** : ***Acc.*** & B. A.
17.	Deshbandhu College for Girls, (1955) 45/C, Rash Behari Avenue, Calcutta–700 026 Ph. : 464-0349 (W)	**L** : ***B.,*** E., S., H. **HU** : ***Hist., Pol. Sc., Phil.,*** Geog., ***Edn.***
18.	Goenka College of Commerce & B. A. (Govt.) (1860) 210, B. B. Ganguli Street, Calcutta–700 012 Ph. : 241-2216	**Com.** : in ***all*** Subjects and **B. A.**
19.	Gokhale Memorial Girls' College, (1938) 1/1, Harish Mukherjee Road, Calcutta–700 020 Ph. : 248–8287 (W)	**L** : B., ***E.,*** S., H., **HU** : ***Hist., Pol. Sc.,*** Phil., ***Edn., Psy. Sc.*** : Phy., Chem., ***Math., Ec., Geog.,*** Bot. **Voc.** : Cl., Nut, Comm., Eng., Ad. Sale.–B. Ed.
20.	Gurudas College, (1956) Narkeldanga, Calcutta–700 054, Ph. : 350-3841	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc.,*** Phil., **Sc.**: ***Phy., Chem., Math., Bot., Zoo., Ec.***
21.	Gurudas College of Commerce, (1968) Narkeldanga, Calcutta–700 054 Ph. : 363-0159, 350-0159	**Com.** : ***Adv. Acc.***
22.	Heramba Chandra College, (1961) 23/49, Gariahat Road, Calcutta–700 026 (City Group) Ph. : 440-6689	**L** : B., ***E.,*** H. **HU** : ***Hist., Pol. Sc.,*** Ec., Edn. **Com.** : P
23.	Jogmaya Devi College, (1958) (Morning) 92, S. P. Mukherjee Road, Calcutta–700 026 Ph. : 455-5242 (Morning) (W)	**L** : ***B., E., S.,*** H. **HU** : ***Hist., Pol. Sc.,*** Soc., ***Phil. Sc.*** : ***Phy., Chem., Math., Zoo., Bot., Geo., Geog., Ec.,*** Chem (A)., Stat. **Com.** : P. **Voc** : Comm. Eng.
24.	Jogesh Chandra Chaudhuri College, (1965) 30, Prince Anwar Shah Road, Calcutta–700 033 Ph. : 473-4622 (Evening)	**L** : ***B.,*** E., S., H., Tam., Ur. **HU** : ***Hist.,*** Pol. Sc., Phil., Edn. **Sc.** : Phy., Chem., Math., Ec. **Com.** : P Evening Shift—**L** : B., E., S., H., Tam., Ur. **HU** : Hist., Math., Soc., Pol. Sc., Ec., Phil. **Com.** : *Gr. A.*
25.	Khudiram Bose Central College, (1956) 71/2, Bidhan Sarani, Calcutta–700 006 Ph. : 555-2563/7102 (Evening & Morning)	**L** : B., E. **HU** : Hist., Pol. Sc., Phil., Edn. **Com.** : P—*Acc.*
26.	Kidderpore College, (1966) 2, Pitambar Sarkar Lane, Calcutta–700 023 Ph. : 497790 (Evening) (W)	**L** : ***B.,*** E., H., ***Ur.*** **HU** : ***Hist., Pol. Sc., Phil.,*** Edn., Ec. **Com.** : ***Acc.***
27.	Loreto House College, (1912) 7, Middleton Row, Calcutta–700 071 (W) Ph. : 29-6030	**L** : B., ***E.,*** H., **HU** : ***Hist., Pol. Sc., Edn.*** **Sc.** : ***Geog.,*** Ec., Psy.–B.Ed. **Voc.** : Comm. Eng.
28.	Lady Brabourne College, (Govt.) (1939) P1/2, Suhwardy Avenue, Calcutta–700 017 (W) Ph. : 244-8120	**L** : ***B., E., S.,*** H., ***Ur., Per.,*** **HU** : ***Hist., Pol. Sc., Phil., Soc., Sc.*** : ***Phy., Chem., Math., Bot., Zoo., Ec., Geog.,*** Chem (A).

		Subject
29.	Maulana Azad College (Govt.) (1926) Rafi Ahmed Kidwai Road, Calcutta–700 013 Ph. : 244-3737	L : ***B., E., S., Ur., Ar., Per.*** **HU** : ***Hist., Pol. Sc.***, Phil, ***I.H.C.***, **Sc.** : ***Phy., Chem., Math., Zoo., Stat., Ec.*** Def. Stud.
30.	Maharaja Manindra Chandra College, (1941) 20, Ramkanto Bose Street, Calcutta–700 003 Ph. : 555-5565/4562, Morning, Ph : 555-6325	L : ***B., E.***, S., H. Pal. **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math.,Ec.***, **Com.** : ***Acc.***
31.	Maharaja Srish Chandra College, (1964) 20, Ramkanto Bose Street, Calcutta–700 003 Ph. : 558-5810	L : B., E., H. **HU** : ***Hist., Pol. Sc.***, Edn., Ec. **Com.** : ***Adv. Acc.***
32.	Maharani Kashiswari College, (1964) 20, Ramkanto Bose Street, Calcutta–700 003 (W) Ph. : 555-6325	L : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil., Soc., Edn., Ec.*** Math, Stat.
33.	Muralidhar Girl's College, (1940) P–411/14, Gariahat Road, Calcutta–700 029 (W) Ph. : 464-1312/4371	L : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil., Edn.***, Soc. ***Jour.***, **Sc.** : ***Geog., Ec., Bot., Psy.***, Math. **Vol** : Tourism & Travel
34.	Netajinagar College (1967) 170/436, Netaji S. C. Bose Road, Regent Estate Calcutta–700 092, Ph. 462-2445 (Evening) 411-5445 Ph. : 411-5445	L : B., E., **HU** : Hist., Pol. Sc., Math., Ec., ***Jour.***, Geog.
35.	Netajinagar Day College, (1986) 170/436, Netaji S. C. Bose Road,Regent Estate, Calcutta-700 092, Ph. : 72/462-4301/412-4301	L : ***B.***, E. **HU** : ***Hist., Pol. Sc.***, Phil., Edn. **Sc.** : ***Phy., Chem., Math.***, Zoo., ***Bot.***, Physio., ***Ec.*** **Com.** : Elec. Gr. A. ***Acc.***
36.	Netajinagar College for Women, (1986) 170/436, Netaji S. C. Bose Road, Regent Estate, Calcutta–700 092, Ph. : 72/462-3711	L : B., E., **HU** : Hist., Pol. Sc., ***Edn.***, Phil. **Sc.** : Phy., Chem., Math., Zoo., Bot., Physio, ***Ec.***
37.	New Alipore College, (1963) L-Block, New Alipore, Calcutta–700 053 Ph. : 478-0224	L : ***B., E.***, S. **HU** : ***Hist., Pol. Sc.***, Edn., Phil. **Sc.** : ***Phy.***, Chem., Math., ***Ec.***
38.	Presidency College, (Govt.) (1817) 86/1, College Street, Calcutta–700 073 Ph. : 241-2738/1960	L : ***B., E., H.*** **HU** : ***Hist.***, Pol. Sc., ***Soc., Phil.*** **Sc.** : ***Phy., Chem., Math.,Bot., Physio., Stat., Zoo., Geog., Geo.***, Ec., Chem (A)., Mol. Bio.
39.	Prafulla Chandra College (Evening) (1946) 23/49, Gariahat Road, Calcutta–700 029 (W) Ph. : 440-6689	L : B., **HU** : Hist., Pol. Sc., Ec., Geog., Math. **Com.** : P. ***Acc.***
40.	Rammohan College, (1961) 102/1, Raja Rammohan Sarani, Calcutta–700 009 Ph. : 350-5687	L : ***B., E., S.***, H. **HU** : ***Hist., Pol. Sc., Phil., Edn.*** **Sc.** : ***Phy., Chem., Math., Bot., Zoo., Physio.***, Geog., ***Ec.*** **Com.** : ***Acc.***
41.	Rani Birla Girls' College, (1961) 381, Shakespeare Sarani, Calcutta–700 017 (W) Ph. : 247-5509	L : B., ***E.***, S. **HU** : ***Hist., Pol. Sc.***, Phil. ***Edn., Geog.***, Ec.
42.	Sabitri Girls' College, (1972) 13, Muktaram Babu Street, Calcutta–700 077 Ph. : 239-4240	L : ***B., E., H.*** **HU** : ***Hist.***, Pol. Sc., ***Edn.***, Ec., Phil. **Com.** : ***Acc.***
43.	Scottish Church College, (1830) 1 & 2, Urquharat Square, Calcutta–700 006 Ph. : 350-3862	L : ***B., E., S.***, **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Zoo.***, Stat., ***Bot.***, Chem. (A)., ***Ec.***

		Subject
44.	Seth Anandaram Jaipuria College, (1945) 10, Raja Nabakrishna Street, Calcutta-700 005 Ph. : 555-4117/3647, Morning & Evening Shift	**L** : ***B., E.,*** S., ***H.*** **HU** : ***Hist., Pol. Sc.,*** Phil., Edn Jour. **Sc.** : ***Phy., Chem., Math.,*** Bot.,Zoo., ***Ec.,*** Geog. **Com.** : (Eve. & Day) ***Com. & Ind. Law., Acc., B. O., Adv. Acc. & Aud., I. Tax & Cos.*** **Voc** : F. Hin, Off Mgt. & Prac, Tax Prac. (Day Co-ed). B. Ed., Girls Shift (Morn.)—**L** : B., E. H., **HU** : Hist., Pol. Sc., ***Phil.,*** Edn. **Com.** : P & ***Acc.***
45.	Seth Surajmall Jalan Girls' College, (1954) 8-9, Bankim Chatterjee Street, Calcutta–700 073 Ph. : 241-5256	**L** : B., E., S., ***H.*** **HU** : Hist., Pol. Sc., ***Phil.,*** Edn., Ec., Geog., **Com.** : El. Gr. A., ***Acc.***
46.	Sibnath Shastri College, (1955) 23/49, Gariahat Road, Calcutta–700 029 (City Group) Ph. : 440-6689 (Morning) (W)	**L** : ***B., E.,*** S., **HU** : ***Hist., Pol. Sc., Phil. Edn., Sc.*** : Bot., Ec., ***Geog.*** **Com.** : P- ***Acc.***
47.	South Calcutta Girls' College, (1932) 72, Sarat Bose Road, Calcutta–700 025 Ph. : 475-3785	**L** : ***B.,*** E., S., **HU** : ***Hist., Pol. Sc., Phil., Edn., Sc.*** : Bot., Ec., Geog.
48.	Sri Sikshayatan College, (1955) 11, Lord Sinha Road, Calcutta–700 071 (W) Ph. : 242-6033/7296	**L** : B., ***E., H.*** **HU** : ***Hist., Pol. Sc., Phil., Edn. Sc.*** : Ec., Math., ***Geog.,*** Bot., **Com.** : ***Acc.,*** B. Ed.
49.	Sanskrit College, (Govt.) (1824) 1, Bankim Chatterjee Street, Calcutta–700 073 Ph. : 241-3611/1906	**L** : ***B., E., S., Ling., Pa.*** **HU** : ***Hist., Pol. Sc., Soc., Phil.,*** Ec., ***Anc. Ind. & W. Hist., Anthro.***
50.	St. Paul's Cathedral Mission College, (1860) 33/1, Ram Mohan Sarani, Calcutta–700 009 Ph. : 350-3682	**L** : ***B., E.,*** S., ***H.*** **HU** : ***Hist., Pol. Sc., Phil., Math. Sc.*** : ***Phy., Chem., Math., Ec.***
51.	St. Xavier's College, (1860) 30 Park Street, Calcutta–700 016 Ph. : 247-7278/2484	**L** : B., ***E.,*** S., H. **HU** : ***Hist., Pol. Sc.,*** Phil. F. Stud., Soc. **Sc.** : ***Phy., Chem., Math., Stat., Ec.*** **Com.** : (Morn.) ***Adv., Acc. & Aud., Sec. Prac., Com. Math.., Com. Geog.,*** I Tax & Cos.–B. Ed.
52.	Surendranath College, (1884) 24/2, Mahatma Gandhi Road, Calcutta–700 009 Ph. : 350-2864	**L** : ***B., E., S.,*** Per., Pal. **HU** : ***Hist., Pol. Sc., Phil.,*** Edn., ***Math., Sc.*** : ***Phy., Chem., Math.,Bot., Zoo., Ec., Comp. Sc.,*** Stat., M. Bio., Def. Stud. Elect (Co-ed in Sc.,), **Com.** : *Gr. III & V.*
53.	Surendranath College for Women, (1947) 24/2, Mahatma Gandhi Road, Calcutta–700 009 (W) Ph. : 350-1562/2389	**L** : ***B., E., S.,*** H. **HU** : ***Hist.,*** Math., ***Ec., Phil., Edn., Pol. Sc. Geog.,*** Jour. **Voc.** : Comm. Eng.
54.	Surendranath Evening College, (1942) 24/2, Mahatma Gandhi Road, Calcutta–700 009 Ph. : 350-9011	**L** : ***B.,*** E., S., Ur., H. **HU** : Hist., Pol. Sc., Phil. **Sc.** : Phy., Chem., Math., Ec. **Com.** : P. ***Acc.***
55.	Shyamaprosad College, (1916) 92, Shyamaprosad Mukherjee Road, Calcutta–700 026 Ph. : 455-1738	**L** : ***B., E.,*** S., H. **HU** : Hist., Pol. Sc., Phil. ***Math., Edn.,*** Ec. **Com.** : P–***Acc.,*** Stat.
56.	Umesh Chandra College, (1841) 13, Surya Sen Street, Calcutta–700 012 (City Group) Morning., Ph. : 241-1065	**Com.** : ***Acc*** & **Voc.** : Off. Mgt. Prac.
57.	Victoria Institution, (1932) 78, Acharya Prafulla Chandra Road, Calcutta–700 009 Ph. : 350-1959/3590 (W)	**L** : ***B., E., S.,*** H. Ur., Fr. **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : Phy., Chem., ***Math., Ec., Geog.,*** Zoo., Chem (A).

	Subject
58. Jawahari Devi Birla Instt. of Home Science, (1963) 11, Lower Rowdon Street, Calcutta–700 020 (W) Ph. : 475-5070	**L** : B., E., Geog., Soc., Sc., Art., Ch. Care., Rabi. Song., Chem., ***H., Sc.,*** Ch. Care & Trg.., **Voc.** : Comm. Eng., Ch. Nut.
59. Vidyasagar College, (1859) 39, Sankar Ghosh Lane, Calcutta–700 006 Ph. : 241-3018	**L** : ***B., E.,*** S., Pa **HU** :***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Zoo., Bot.,*** Physio., ***Ec.,*** Comp. Sc. Anthro., M. Bio. ***Geog.*** **Com.** : P.
60. Vidyasagar College for Women (1960) 39, Sankar Ghosh Lane, Calcutta–700 006 (W) Ph. : 241-3018	**L** : ***B., E.,*** H., S. **HU** : ***Hist., Pol. Sc., Phil.*** Edn., ***Math.*** : **Sc.**: ***Phy., Chem., Math., Zoo., Bot., Ec., Geog., Physio.*** Elect.
61. Vidyasagar Evening College, (1961) 39, Sankar Ghosh Lane, Calcutta–700 006 Ph. : 241-4447/3018/241-9505/9508	**L** : ***B., E.,*** H. **HU** : ***Hist., Pol. Sc.,***Soc., **Sc.** : ***Phy., Chem., Math.,*** Stat., ***Geog.,*** Ec., Bot., Zoo. **Com.** : P. Elec. Gr. A. ***Acc.***
62. Vijaygarh Jyotish Roy College, (1950) Vijayagarh, Calcutta–700 032, Ph. : 72/462-4082	**L** : ***B., E.,*** S. **HU** : Hist., Pol. Sc., Phil., ***Edn.*** **Sc.** : ***Phy., Chem.,*** Math., Zoo., Bot., Ec. **Com.** : ***Adv. Acc*** & Aud., ***I. Tax & Cos.*** Evening : B. A.
63. Women Christian College, (1945) 6, Greek Church Row, Calcutta–700 026 (W) Ph. : 464-3341	**L** : ***B., E., S.,*** **HU** : ***Hist., Pol. Sc., Phil., Ec., Geog.***
64. East Calcutta Girls' College, (1992) P-237, Block-B, Lake Town, Calcutta–700 089 Ph. : 534-8039	**L** : B., E., **HU** : ***Hist.,*** Pol. Sc., Phil., Edn., ***Geog., Ec. Sc.***: Chem., Zoo., Bot., Math., Phy., **Com.** : P.
65. Women's College (1937) P-29, Khirode Vidyavinode Avenue, Calcutta–700 033 Ph. : 554-4540 (W)	**L** : ***B., E., S.,*** **HU** : ***Hist., Pol. Sc., Phil.,*** Ec., Edn.
TEACHERS' TRAINING COLLEGES	
1. David Hare Training College, (1908) 25/3, Ballygunge Circular Road, Calcutta–700 019 Ph. : 475-1848	B. Ed.—Arts, Science
2. Jadavpur Vidyapith College of Education, (1969) P. O. Jadavpur, Calcutta–700 032 (JU) Ph. : 473-5245	Arts & Edcn. Work Edcn.
3. Calcutta Girl's B. T. College, (1995) 6/1, Swinhoe Street, Calcutta-700 019 Ph. : 440-4634	Arts and Edcn.
4. All Bengal Teachers' Training College (1967) P-14, Ganesh Chandra Avenue, Calcutta–700 013 Ph. : 241-2860/3831/272430	Arts and Edcn.
ART COLLEGES	
1. Govt. College of Art & Craft (1951) 28, Jawaharlal Nehru Road, Calcutta–700 016 Ph. : 249-2027	Art & Craft.
LAW COLLEGES	
1. Jogesh Chandra Chaudhuri Law College, (1870) 30, Prince Anwar Shah Road, Calcutta-700 033 Ph. : 473-4622	Law (LLB)
2. South Calcutta Law College, (1970) 6/1, Swinhoe Street, Calcutta-700 019 Ph. : 440-8182	Law (LLB)

	Subject
3. Surendra Nath Law College, (1885) 24, Mahatma Gandhi Road, Calcutta–700 009 Ph. : 350-2596	Law (LLB)
4. Calcutta University Law College	Law (LLM, LLB)

MUSIC COLLEGE

1. Bengal Music College, (1956) P–1, C.I.T. Scheme Gariahat Road, Calcutta–700 020 Ph. : 466-2692	Music (H)

MANAGEMENT COLLEGE

1. Indian Institute of Social Welfare and Business (1893) Management, Calcutta–73, Ph. : 241-1957/3648	Management Education

SPECIAL INSTITUTION

1. Institute of English, (1963) 119, S. P. Mukherjee Road, Calcutta–700 026 Ph. : 466-3039	Eng. Trg.

COLLEGES IN NORTH 24-PARGANAS (CU)

GENERAL DEGREE COLLEGES

	Subject
1. Acharya Prafulla Chandra College, (1960) P. O. New Barrackpore, Pin-743 276 Ph. : 538-3297	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc.,*** Phil., ***Jour.,*** **Sc.** : ***Phy., Chem., Math.,*** Anthro., Ec., ***Elect., Zoo.,*** Bot., ***Comp. Sc.,*** Geog., ***M. Bio. Voc.***: Comm. Eng., Ind. Fish, Ad. Sales. **Com.** : P.
2. Acharya Prafulla Chandra College of Commerce (1966) P. O. New Barrackpore, Pin-743210 Ph. : 512-2311	
3. Barasat Govt. College, (1950) P. O. Barasat–743201, Ph. : 552-3365 (Morn. + Day)	**L. *B., E.,*** S. **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math., Ec., Geog., Bot., Zoo.***
4. Barasat Evening College, (1972) 1, Kalyani Road, Barasat, P. O. Nabapalli–743 203 Ph. : 552-3656	**L** : B., E., **HU** : Hist., Pol. Sc., ***Phil., Edn.,*** Soc., Geog. **Com.** : ***Acc. Gr. A.***
5. Bidhannagar College, (1984) BF-142, Bidhannagar, Calcutta–700 091 Ph. : 337-4761	**L** : ***B., E.*** **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math., Zoo., Bot., Ec., Stat.***
6. Barrackpore Rastraguru Surendranath College, (1953) 6, Riverside Road, Barrackpore–743 101 (Day + Eve.) Ph. : 560-0603	**L** : ***B., E.,*** H. **HU** : ***Hist., Pol. Sc.,*** Phil., ***Edn. Sc.*** : ***Phy., Chem., Math., Ec., Comp. Sc., Elect.*** **Com.** : P.–***Acc.***
7. Basirhat College, (1947) P. O. Basirhat–743 412 Ph. : (03217) 55-225 (Morn. + Day + Eve.)	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem.,*** Math., Zoo., ***Bot.,*** Physio., ***Ec.,*** **Com.** : P.–***Acc.*** Morn. Shift—(Girls) B. A. (P) Even. Shift—**Com. :** P. ***Acc.***
8. Bhairab Ganguly College, (1968) Feeder Road, Belghoria, Calcutta–700 056 (Day + Eve.) Ph. : 553-2280	**L** : B., ***E.,*** S. **HU** : ***Hist.,*** Pol. Sc., Phil. ***Sc.*** : ***Phy., Chem.,*** Math., Zoo., ***Bot., Ec., Geog.,*** Physio. M. Bio., Evening—**Com.** : ***Acc.***
9. Brahmananda Keshab Chandra College, (1956) 111/2, B. T. Road, Calcutta–700 035 Ph. : 557-2486	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math., Zoo., Bot.,*** Stat., ***Ec.,*** M. Bio.

		Subject
10.	Bongaon Dinabandhu Mahavidyalaya, (1947) P. O. Bangaon-743 225, Ph. : (03215) 55044	L : ***B., E.,*** S. **HU** : Hist., ***Pol. Sc.*** *Phil.* **Sc.** : ***Phy.,*** Chem., ***Math.,*** Bot., ***Zoo., Anthro., Ec.,*** **Com.** : (Day) ***Acc.*** **Voc.** : Ind. Fish.
11.	Derozio Memorial College, Rajarhat, (1996) Calcutta–743 518	L : ***B.,*** E., **HU** : Hist., ***Pol. Sc.,***Ec., Edn., Phil., **Sc.** : Math., Phy., Chem., Comp. Sc.
12.	Dum Dum Motijheel College, (1950) 1, Motijheel Avenue, Calcutta–700 074 (Morn. + Day) Ph. : 551-2585	L : ***B., E.,*** S. **HU** : Hist., ***Pol. Sc.,*** Phil., **Sc.** : ***Phy., Chem., Math., Zoo.,*** Bot., ***Ec.***
13.	Dum Dum Motijheel College of Commerce (1968) 208/B/2, Dum Dum Road, Calcutta–700 074 Ph. : 551-5921/6863	(Ev) (Co-Ed) **Com.** : P.–***Acc.***
14.	Gobardanga Hindu College, (1947) (Day + Eve.) P. O. Gobardanga–743 252	L : ***B., E., S.*** **HU** : ***Hist., Pol. Sc.,*** Phil., Edn., **Sc.** : ***Phy., Chem., Math., Ec.,*** Evening—**Com.** : ***Acc.*** P.–B. Ed.
15.	Hiralal Mazumder College for Women, (1959) Dakshineswar, Calcutta–700 035, Ph. : 553-2148 (W)	L : ***B.,*** E., S. **HU** : ***Hist.,*** Phil., ***Ec., Pol. Sc., Soc.,*** Edn.
16.	Kanchrapara College, (1972) (KU) P. O. Kanchrapara (Day + Eve.), Ph. : 82-8790	L : ***B.,*** E., S., ***H.*** **HU** : ***Pol. Sc.,*** **Sc.** : Phy., Chem., Bot., Zoo., ***Math., Ec.*** **Com.** : P. & ***Acc.***
17.	Kalinagar Mahavidyalaya, (1985) Kalinagar 41 P. O. Kalinagar–743 442	L : B., E., **HU** : Hist., Pol. Sc., Phil. ***Edn.,*** Geog.
18.	Mahadevananda Mahavidyalaya, (1968) Monirampore, Barrackpore, Ph. : 560-0577	L : ***B., E.,*** S. **HU** : Hist., Pol. Sc., Phil. Edn. **Sc.** : Phy., ***Chem.,*** Math., Ec., **Com.** : Elec., Gr.–A, ***Acc.***
19.	Morning Star College (1971) Barrackpore, Ph. : 560-0462 (W)	L : E., **HU** : Hist., Phil.
20.	Mrinalini Datta Mahavidyapith, (1964) Birati Vidyapith Road, Calcutta-700 051 (W) Ph. : 539-3825	L : ***B.,*** E., S. **HU** : ***Hist., Pol. Sc., Phil.,*** **Sc.** : Ec., Phy., Chem., Math., **Com.** : P. ***Acc.***
21.	Nahata Jogendranath Mondal Smriti Mahavidyalaya, (1985) P. O. Nahata–743 290, Ph. : (03215) 55-886	L : ***B.,*** E., **HU** : ***Hist.,*** Pol. Sc., Edn., **Com.** : P., Elec. Gr. A, ***Acc.***
22.	P. N. Das College, (1962) Santinagar, Palta., P. O. Bengal Enamel. 743 122 Ph. : 556-1327	L : B., ***E.*** **HU** : Hist., Pol. Sc., Phil., Ec., Comp. P & ***Acc.***
23.	Ramkrishna Mission Vivekananda Centenary College (1963) P. O. Rahara, Ph. : 553-2049/2850	L : **HU** : **Sc.** : ***Phy., Chem., Math., Zoo., Bot.,*** **Voc.** : Sericulture
24.	Ramkrishna Sarada Mission Vivekananda Vidyabhavan (1961) 33, Nayapatti Road, Dum Dum, Calcutta-700 055, Ph. : 551-3202/3452	L : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : Ec., Math., Edn. Comp. Sc. **Voc.** Comp. App
25.	Rishi Bankim Chandra College, (1947) Naihati (Day + Eve.) Ph. : 81-2099 (W)	L : ***B., E., S., H.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Zoo., Bot., Ec., Elect.*** **Com.** : (Day & Eve) ***Acc.*** **Voc.** : Comp. App.
26.	Rishi Bankim Chandra College for Women, (1984) Naihati, Ph. : 81-4778 (W)	L : ***B.,*** E., S., ***H.*** **HU** : Hist., ***Pol. Sc.,*** Phil. **Sc.** : Phy., Chem., Math., Zoo., Bot., Ec., Geog.
27.	Rishi Bankim Chandra Evening College (1984) Naihati, Ph. : 81-1281	L : B., E. **HU** : Hist., Pol. Sc., Phil. F. Study, **Sc.** : Phy., Chem., Math., ***Ec.*** **Com.** : P & H.

	Subject
28. Sarojini Naidu College for Women, (1956) 30, Jessore Road, Dum Dum, Calcutta–700 028 (W) Ph. : 551-2583	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math.,*** Bot., Ec., ***Geog.,*** Chem. A. **Voc.** : Comm. Eng., Comp. App.
29. Taki Government College, (1950) P. O. Taki-26, Ph. : 47-226 (032 17) (Morn. + Day)	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc.,*** Phil., **Sc.** : Phy., ***Chem.,*** Math., Zoo., Bot., ***Ec.***
30. Bonhooghly College of Commerce, (1965) 111/2, B. T. Road, Calcutta-700 035, Ph. : 557/552-2479/2486	**Com.** : P & ***Adv. Acc., Aud.*** (Co-ed)
31. Panihati Mahavidyalaya, P. O. Panihati (1964) Ph. : 553-3778	**L** : B., E. **HU** : Hist., Phil., Math., Edn. **Com.** : P
32. Sree Chaitanya College (1956) P. O. Prafullanagar, Habra, Ph : 52020 (03216)	**L** : ***B., E.,*** S. **HU** : Hist., ***Pol. Sc.,*** Phil. **Sc.** : Phy., ***Chem., Math., Bot., Zoo., Anthro.,*** Ec., Elect., Geog., Def. Stud. B. Ed.
33. Sree Chaitanya College of Commerce, (1965) P. O. Prafullanagar, Habra, Ph. : 52086 (03216)	**Com.** : ***Acc.***
34. Vivekananda College (1987) P. O. Udayrajpur, Madhyamgram.	**L** : B., E. **HU : *Hist., Pol. Sc., Phil.,*** Edn., Mus.
35. Chandraketugarh Sahidulah Smriti Mahavidyalaya (1997) Debalaya, Deganga.	**L** : B., E. **HU** : Hist., Pol. Sc., Phil., Edn.
TEACHERS' TRAINING COLLEGES	
1. Govt. College of Education, Bantipur, (1948) P. O. Banipur-743 233, Ph. : (03216) 52034	Work Edn., B. Ed.
2. Post-Graduate Teachers Training College, for Physical Education, (1932) Banipur-743 233 Ph. : (03216) 52032/52104 (R)	Phy. Edn.
3. Gandhi Centenary B. T. College, (1968) P. O. Habra-743 268, Ph. : (03216) 52199	B. Ed.
4. Nandalal Ghosh B. T. College, (1968), P. O. Madral	B. Ed.
5. R. K. Mission Boys' Home Brahmananda P. G. B. T. College (1961) P. O. Rahara, Ph. : 553-2021	B. Ed. Work Education
6. Gopal Ch. Memorial College, (1967) P. O. New Barrackpore-743 276, Ph. : 512-2826	B. Ed.
ART COLLEGE	
1. Indian College of Art & Draftsmanship, (1983) (RBU) 72, Dum Dum Road, Calcutta–700 074	Art & Craft.

COLLEGES IN SOUTH 24-PARGANAS (CU)

GENERAL DEGREE COLLEGES	
1. Bankim Sardar College, (1955) P. O. Tangrakhali–743 329, Ph. : (03218) 55263	**L** : B,, E., S. **HU** : ***Hist.,*** *Pol. Sc.,* Phil. **Sc.** : Phy., Chem., Math., ***Bot., Zoo.,*** Ec. **Com.** : P.
2. Baruipur College, (1981) P. O. Purandarpur Math., 743 302, Ph. 337-1963	**L** : B., E. **HU** : ***Hist., Pol. Sc.,*** Phil., Edn. **Com.** : P Gr. A

		Subject
3.	Behala College, (1963) Parnasree, Calcutta-700 060, Ph. : 478-5354	**L** : ***B.,*** E., S. **HU** : ***Hist.,*** Pol. Sc., Phil., **Sc.** : ***Phy., Chem., Math.,*** Bot., Zoo., Ec., Stat. Def. Stud.
4.	Behala College of Commerce, (1967) Parnasree, Calcutta–700 060, Ph. : 478-5354/5167	**Com.** : P
5.	Budge Budge College, (1971) 7, Deshbandhu Chittaranjan Road, Budge Budge–743 319, Ph. : 470-1454	**L** : B., ***E.*** **HU** : Hist., ***Pol. Sc.,*** Phil., Edn. **Sc.** : Chem., Zoo., Bot., Geog. **Com.** : ***Acc.***
6.	Dhruba Chand Halder College, (1965) P. O. Dakshin Barasat–743 372, Sarberia 42	**L** : ***B., E.,*** S. **HU** : Hist., ***Pol. Sc.,*** Phil., Ec., ***Math.*** **Com.** : ***Adv. Acc.***
7.	Dinabandhu Andrews College, (1956) P. O. Garia, Calcutta-700 084, Ph. : 462-4377	**L** ***B., E.,*** S. **HU** : ***Hist.,*** Phil., Pol. Sc. **Sc.** : ***Phy., Chem., Math., Zoo., Bot., Ec., Elect.*** M. Bio. **Voc.** : Sericulture
8.	Fakir Chand College, (1948) Diamond Harbour, Ph. : (03174) 55230/55244	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc., Phil., Edn.*** **Sc.** : ***Phy., Chem., Math.,*** Zoo., Bot., ***Ec.,*** **Com.** : ***Acc.*** **Voc.** : Comp. App., Tour & Tr. Manag., Tax pro. & Prac., B. Ed.
9.	Gour Mohan Sachin Mondal Mahavidyalaya, (1969) P. O. Bireswarpur.	**L** : ***B.,*** E., S. **HU** : ***Hist., Pol. Sc.,*** Phil., Ec., ***Edn.,*** **Com.** Gr. A
10.	Harimohan Ghosh College, (1963) J–206 & 208A, Paharpur Road, Garden Reach, Calcutta–700 024, Ph. : 469-3641	**L** ***B.,*** E. **HU** : Hist., Pol. Sc., Ec. **Com.** : P & ***Acc.,*** Math
11.	K. K. Das College of Commerce, (1964) P. O. Garia, Calcutta–700 084, Ph. : 462-4398	Evening. **Com.** : ***Acc.***
12.	Magrahat Degree College, (1996), Magrahat	**L** : B., E. **HU** : Hist., Pol. Sc., Edn.
13.	Mahestala College, (1971) P. O. Chandannagar–743 352, Ph : 470-1502	**L** : ***B.,*** E., S. **HU** : Hist., Pol. Sc., Phil., Edn. **Sc.** : Phy., Chem., Math., Ec., **Com.** Elec. Gr. A
14.	Ramkrishna Mission Residential College (1960) P. O. Narendrapur–743 508, Ph. : (033) 4772205	**L** : B., ***E.,*** S. **HU** : ***Hist.,*** Pol. Sc., Phil. **Sc.** : ***Phy., Chem., Math., Ec., Stat.***
15.	Raidighi College, (1995), P. O. Raidighi	**L :** B., E. **HU** : Hist., Pol. Sc., Edn. **Sc.** : Phy., Chem., Math.
16.	Sammilani Mahavidyalaya, (1996), Baghajatin Station Pin–700 075	**L** : B., E., S. **HU** : Hist., Pol. Sc., Phil. **Com.** : P.
17.	Sonarpur Mahavidyalaya, (1985) Sahid Biswanath Sarani, P. O. Rajpur–743 358	**L** : B., E. **HU** : Hist., Pol. Sc., Phil., Edn. **Sc.** : Elect.
18.	Sundarban Hazi Desarat College, (1961) P. O. Pathankhali–743 611, Ph. : 337-0101 (R) Ph. : Pathankhali 35	**L** : ***B.,*** E. **HU** : ***Hist.,*** Pol. Sc., Phil., Edn. **Sc.** : Phy., Chem., Math., Zoo., Bot., Anthro. Comp. Sc.
19.	Sundarban Mahavidyalaya, (1965), P. O. Kakdwip Ph: : Kak 57	**L** : ***B.,*** E. **HU** : Hist., ***Pol. Sc.,*** Phil., Edn. **Sc.** : Phy., Chem., Math. **Com.** : ***Acc.***
20.	Sushil Kar College, (1968) Ghoshpur, P. O. Champahati–743330	**L** : ***B.,*** E. **HU** : Hist., ***Pol. Sc.,*** Phil., Ec., **Com.** : All Compul. papers ***Adv. Acc.,*** Aud.

	Subject
21. Vidyanagar College, (1963) P. O. Charashyamdas–743 503, Ph. : 470 9218	**L** : ***B.***, E. **HU** : Hist., Pol. Sc., ***Phil. Sc.*** : Phy., Chem., Math., Ec., Zoo., Physio. **Com.** : P
22. Vivekananda College, (1950) Thakurpukur, Calcutta-700 063 (Day + Eve.) Ph. : 467-3434	L : B., ***E.*** **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math., Zoo., Bot., Ec.,*** **Evening.** Com. Elec. Gr. A
23. Vivekananda College for Women, (1961) Morn. Barisha, Calcutta–700 008 (W), Ph. : 467/468-5031	**L** : B., E., S. **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : Math., Zoo., Bot., Anthro., Ec., Geog.
24. Saheed Anurup Ch. Mahavidyalaya, (1991) P. O. Burul–743 318	**L** : ***B,*** E., **HU** : ***Hist.,*** Pol. Sc., Phil., Edn. **Com.** : P
25. Bhangar Mahavidyalaya (1997) P. O. Bhangar	**L** : B. E., **HU** : Pol. Sc., Ec., Hist., Phil., Edn., Geog., Math. **Com.** : P

TEACHERS' TRAINING COLLEGES

1. Institute of Post Graduate Education for Women, (1954) Hastings House, Alipore, Calcutta–700 027 Ph. : 479-7034	B. Ed.
2. Institute of Physical Education, Hastings House, (1975) Alipore, Calcutta–700 027, Ph. : 479-6824 (W)	Phy. Edn.

COLLEGES IN HOWRAH (C.U.)

GENERAL DEGREE COLLEGES

	Subject
1. Azad Hind Fauz Smriti Mahavidyalaya, (1986) P. O. Domjur–711 405, Ph. : 669-0838	**L** : B., E. **HU** : Hist., Pol. Sc., Edn., Geog. **Com.** P
2. Bagnan College, (1958) P. O. Bagnan–711 303, Ph. : 66258 (03214)	**L** : ***B.,*** E., S. **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : Phy., ***Chem.,*** Math., Ec. **Com.** : ***Acc.*** Voc. Tax Prac.
3. Bijoy Krishna Girls' College, (1947) 5/3, Mahatma Gandhi Road, Howrah–711 101 (W) Ph. : 660-2341	**L** : ***B., E., S.,*** **HU** : ***Hist., Pol. Sc., Phil, Edn., Sc.*** : ***Phy., Chem., Math., Ec., Geog.,*** Zoo., Bot., Comp. Sc. **Com.** : ***Acc.*** **Voc.** : Comp. App.
4. Gangadharpur Mahavidyalaya, (1981) P. O. Gangadharpur, Ganga 23	**L** : ***B.,*** E., S. **HU** : Hist., Pol. Sc., Phil., ***Edn.*** **Com.** : ***Acc.***
5. Joypur Panchanan Roy College, (1986) P. O. Joypur, Fakirdas–711 401	**L** : B., E. **HU** : Hist., Pol. Sc., Phil., Edn. **Com.** : P. Elec., Gr. A
6. Dr. Kanailal Bhattacharyya College, (1983) Ramrajatala, Howrah–711 104, Ph. : 667-5390	**L** : B., E. **HU** : Hist., Pol. Sc., Phil., Edn. **Com.** : P
7. Lalbaba College, (1964), 117, G. T. Road, P. O. Belur Math–711 202 (Day + Eve.) Ph. : 665-4066	**L** : ***B., E.,*** S., H. **HU** : ***Hist., Pol. Sc., Phil.*** Edn. **Sc.** : Phy., Chem., Math., Ec., ***Geog.,*** Eve. Shift—B. A. & **Com.** : ***Acc.***
8. Narshimha Dutta College, (1924) 129, Belilious Road, Howrah–711 101 (Morn.–Girls + Day–Co-ed + Eve.–M), Ph. : 666-8049	**L** : ***B., E., S.,*** Ur. **HU** : ***Hist., Pol. Sc., Phil.,*** Edn. **Sc.** : ***Math., Bot., Zoo., Anthro., Phy., Chem., Ec., Geog.,*** Comp. Sc., Stat. **Com.** : P. (Evening)
9. Prabhu Jagatbandhu College, Jorhat, (1964) P. O. Jorhat-711 302, Ph. : 669-0221	**L** : ***B.*** **HU** : ***Hist., Phil. Sc.*** : ***Math., Ec., Geog.*** **Com.** : ***Acc.***

	Subject
10. Purash Kanpur Haridas Nandi Mahavidyalaya, (1966) P. O. Kanpur-711 410, Kan. 236	**L** : ***B.***, E. **HU** : Hist., ***Pol. Sc.*** **Sc.** : Phy., Chem., Math., Ec. **Com.** : ***Acc.***
11. Ramkrishna Mission Vidyamandir, (1941) P. O. Belur Math–711 202, Ph. : 654-9281	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy.***, Chem., ***Math., Ec.*** **Voc.**– Ind. Chem., Comp. App.
12. Ramsaday College, (1946) P. O. Amta–711 401, Ph. : (03214) 60251	**L** : ***B.***, E. **HU** : ***Hist.***, Pol. Sc., Phil., **Sc.** : ***Phy., Chem., Math.***, Ec. **Com.** : ***Adv. Acc.***
13. Shibpur Dinabandhu Institution, (1948) (M–G, D–Co-ed) 412/1, G. T. Road, Howrah–711 102, Ph. : 660-2996	**L** : ***B., E.***, S., Ur., ***H.*** **HU** : ***Hist., Pol. Sc., Ec. Phil. Sc.*** : ***Phy., Chem., Math.***, Zoo., Bot. **Com.** : ***Elec. Gr. A. Acc.***
14. Shyampur Siddheswari Mahavidyalaya, (1964) P. O. Ajodhya–711 312, Ajodhya 21	**L** : ***B.***, E., S. **HU** : ***Hist., Pol. Sc.***, Phil. **Sc.** : Phy., Chem., Math., Ec. **Com.** : P
15. Sovarani Memorial College, (1971) P. O. Jagatballavpur–711 408	**L** : ***B.***, E., S. **HU** : ***Hist., Pol. Sc.***, Phil. ***Ec.***, **Com.** : ***Acc.***
16. Uluberia College, (1948) Ph. 661-0332 P. O. Uluberia–711 315 (Day + Eve.)	**L** : ***B.***, E. **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Zoo., Bot.***, Ec., **Com.** : P. Gr. A. ***Acc.*** B. Ed.

TEACHERS' TRAINING COLLEGE

1. Ramkrishna Mission Sikshan Mandir,(1958) Belur Math, Howrah–712202, Ph. : 654-9281	B. Ed.

COLLEGES IN HOOGHLY (BU/CU)

GENERAL DEGREE COLLEGES

	Subject
1. Aghore Kamini Prakash Chandra Mahavidyalaya, (1959) P. O Bengal, Arambag-712 611 Khatual 35/(03211) 57 Extn. 3	**L** : ***B.***, E., ***S.*** **HU** : ***Hist., Pol. Sc.***, Phil. **Sc.** : Ec., Phy., ***Chem., Math.***, **Com.** : ***Acc*** & all subjects.
2. Arambag Girls' College, (1995) P. O. Arambag (W), Ph. (03211) 55960	**L** : B., ***E.***, **HU** : Hist., Pol. Sc., ***Soc.***, **Sc.** : Phy., Chem., Math.
3. Balagarh Bijoy Krishna Mahavidyalaya, (1985) P. O. Balagarh–712 501, Ph. (03213) 60288	**L** : B., E., **HU** : Hist., Pol. Sc., **Com.** : P. ***Acc.***, Ec., Math.
4. Bijoy Narayan Mahavidyalaya, (1950) Itachuna–712 147, Ph. (03213) 66279	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Zoo., Bot., Ec.*** **Com.** : P
5. Bidhan Chandra College, (1957) 31, G. T. Road. P. O. Rishra–712 248 (Day + Eve.) Ph. : 662-1812	**L** : ***B., E.***, S. **HU** : Hist., Pol. Sc., Math., Phil., Ec. **Com.** : P. **Voc.** : Off. Manag & Sec. Prac.
6. Chandannagar College, (1891) Chandannagar (Morn. + Day + Eve.) Ph. : 835290	**L** : ***B., E.***, S., ***Fr.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Geog.***, Ec., **Com.** : P. ***Acc*** .
7. Hooghly Mohsin College, (1836). Chinsurah–712 136 (Morn. + Day + Eve.) Ph. 80-2252	**L** : ***B., E., S., Ur., Ar., Per.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Zoo., Bot., Physio., Ec., Elect.*** **Com.** : P (Eve.), Law. **P. G.**–Physio.
8. Hooghly Women's College (1949) Pipulapati–0712 103, Ph. : 80-2335 (W)	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : Phy., Chem., Math., ***Bot., Zoo.***, Ec., ***Geog.***

		Subject
9.	Kabi Sukanta Mahavidyalaya, (1986) P. O. Angus, Bhadreswar–712 221, Ph. : 6336184	**L** : **HU** : Hist., Ec., Soc. **Com.** : P
10.	Khalisani Mahavidyalaya, (1970) P. O. Khalisani, Ph. 835-530	**L** : B., E., S. **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : Phy., Chem., Math., Ec., Geog. **Com.** : P. ***Acc.***
11.	Nabagram Hiralal Paul College, (1957) (CU) P. O. Nabagram Ph. 663-0007	**L** : B., E., S. **HU** : ***Hist.,*** Pol. Sc., Phil., Edn. **Sc.** : Phy., Chem., Math., Ec. **Com.** : P
12.	Netaji Mahavidyalaya, (1948) Arambag-712 246, Ph. (03211) 55012	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math., Zoo., Bot., Ec., Geog.,*** Plt. Prot. **Com.** : ***Acc.***
13.	Rabindra Mahavidyalaya, (1971) P. O. Champadanga–712401, Ph. (03212) 55104	**L** : ***B., E.,*** S., **HU** : ***Hist.,*** Pol. Sc., Phil. **Sc.** : ***Phy., Chem.,*** Math., ***Zoo.,*** Bot., ***Ec.,*** Geog. **Com.** : ***Acc. Ad. Acc. Voc*** : F. Eng.
14.	Raja Peary Mohan College, (1881) (CU) Uttarpara–712 258, Ph. 64-1155	**L** : ***B.,*** E., S. **HU** : Hist., ***Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math.,*** Zoo., ***Bot., Ec., Physio.*** **Com.** : Acc.
15.	Raja Rammohan Roy Mahavidyalaya, (1964) P. O. Namgulpara, Radhanagar–712 406 Ph. Khana kul–221	**L** : B., ***E.,*** **HU** : ***Hist., Pol. Sc.,*** Phil. S., **Sc.** : ***Phy.,*** Chem., Math., Zoo., ***Bot.,*** **Com.** : ***Acc***
16.	Sarat Centenary College, (1976) Dhaniakhali-712 302, Ph. 55282 (03213)	**L** : B., ***E.*** **HU** : Hist., ***Pol. Sc.,*** Phil. **Sc.** : Phy., Chem., ***Math.,*** Zoo., Bot. **Com.** : P. ***Acc.***
17.	Serampore College (1818) (CU) Serampore–712 201, Ph. : 662-2322	**L** : ***B., E., S.*** Heb., Syr. **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math.,*** Zoo., ***Bot., Ec., Physio.*** **Com.** : Acc.
18.	Serampore Girls' College, (1981) (CU) 13, T. C. Goswami Street, Serampore–712 201 (W) Ph. : 662-3723	**L** : B., ***E.,*** S. **HU** : ***Hist., Pol. Sc., Phil.,*** Edn., Soc.
19.	Sree Gopal Banerjee College, (1958) Bagati, P. O. Mahra–712 148 (Morn. + Day + Eve.) Ph. : 846244 (033)	**L** : ***B.,*** E., S. **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem.,*** Math., ***Zoo., Bot.,*** Ec., Plt. Prot.
20.	Sri Ramkrishna Sarada Vidyamahapith, (1959) P. O. Kamarpukur–712 612 (W), Ph. : (03211) 44224	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math., Ec. Comp. Sc.***
21.	Swami Niswam Balananda Girls' College, (1978) (CU) 87, B. P. M. B. Sarani, P. O. Bhadrakali–712 232 (W) Ph. : 663-0270	**L** : B., E., S. **HU** : Hist., Pol. Sc., Phil., Edn., Ec. **Com.** : P, Ele Gr. A.
22.	Tarakeswar Degree College, (1986) P. O. Tarakeswar–712 410, Ph. : (03212) 76269	**L** : B., E. **HU** : Hist., Pol. Sc., Phil., Ec., Soc. **Com.** : P
23.	Vivekananda Mahavidyalaya, (1966) P. O. Haripal–712 403, Ph. : (03212) 42-235	**L** : ***B.,*** E., S. **HU** : ***Hist.,*** Math., ***Pol. Sc.,*** Phil., Ec. **Com.** : ***Acc.*** *Adv. Acc.,* **Sc.** : Phy, Chem. **Voc** : Off. Mgt. & Prac.

TEACHERS' TRAINING COLLEGES

1.	Govt. Training College, (1955) Hooghly–712 103, Ph. : 802085	B. Ed.
2.	Institute of Post Graduate Education for Women, (1965) Chandernagore, Ph. : 836 040	B. Ed.

	Subject
3. Govt. College of Physical Education for Women, (1984) Hooghly–712 103, Ph. : 802085 (W)	Phy. Education
4. Sri Ramkrishna Sarada Sikshamandir, (1971) Anur, Ph. : (03211) 44228	B. Ed.

COLLEGES IN NADIA (STD-03472) (CU-KU)

GENERAL DEGREE COLLEGES	Subject
1. B. R. Ambedkar College (1973) P. O. Betai–741 163, Ph. : Betai 28	**L** : B., E. **HU** : Hist., Pol. Sc., Phil., Ec.
2. Bethuadahari College, (1986) P. O. Bethuadahari–741 126 , Ph. : (03474) 55401	**L** : B., E. **HU** : ***Hist.,*** Pol. Sc., Phil., Soc. **Com.** : P
3. Chakdaha College, (1972) (KU) P. O. Chakdaha–714 222 (Day + Morn.) Ph. : 44268/45259 (R)	**L** : ***B., E.,*** S., **HU** : ***Hist., Pol. Sc.,*** Phil. ***Ec.,*** **Sc.** : ***Phy., Chem., Math.,*** Zoo., Bot., ***Geog., Physio.*** **Com.** : P.– ***Aud & Acc.***
4. Haringhata Mahavidyalaya, (1986) (KU) Haringhata–741 1249, Ph. : (30473) 33320	**L** : ***B.,*** E. **HU** : Hist., Pol. Sc., Ec., Comp. Sc. **Com.** : ***Acc.***
5. Karimpur Pannadevi College, (1968) P. O. Karimpur–741 152, Ph. : (03471) 55158	**L** : B., ***E.,*** **HU** : Hist., ***Pol. Sc.,*** Phil. **Sc.** : ***Phy.,*** Chem., ***Math.,*** Ec., ***Geog.,*** Comp. Sc. **Com.** : ***Acc.***
6. Krishnagar Govt. College, (1846) P. O. Krishnagar–741 101, Ph. (03472) 52863	**L** : ***B., E., S.,*** Ar. Per. **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math.,*** Zoo., Bot., ***Ec.***
7. Krishnagar Women's College, (1958)/7 P. O. Krishnagar–741 101 (W), Ph. (03472) 52355	**L** : ***B.,*** E., ***S.*** **HU** : Hist., Pol. Sc., ***Phil. Sc.*** : Phy., Chem., Math., Geog., ***Ec.*** **Com.** : ***Acc.***
8. Dwijendralal College, (1968) P. O. Krishnagar–741 101, Ph. : (03472) 52240	
9. Nabadwip Vidyasagar College, (1942) P. O. Nabadwip–741 302, Ph. : Naba–9	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : Phy., ***Chem., Math., Zoo.,*** Physio., Bot., Chem (A)., Ec., ***Geog.*** **Com.** : *Gr. V.*
10. Ranaghat College, (1950) Ranaghat–741 201, Ph. : (03473) 72206	**L** : ***B.,*** E.,***S.*** **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : Phy., ***Chem.,*** Math., Bot., Zoo., Ec., Chem(A). **Com.** : ***Elec. Gr. A., Acc.***
11. Santipur College, (1948) P. O. Santipur–741 404, Ph. : (03472) 77028	**L** : ***B.,*** E., S. **HU** : ***Hist.,*** Pol. Sc., Phil. **Sc.** : Phy., Chem., ***Math.,*** Bot., Zoo., Physio., Ec.
12. Srikrishna College, (1950) Bagula–741 502, Ph. : (03473) 72-205 Bag–26	**L** : ***B., E.*** **HU** : ***Hist., Pol. Sc.,*** Phil., Ec. **Sc.** : Math., Phy., Chem., Comp. Sc. **Com.** : ***Adv. Acc., Aud., I. Tax & Cos.***
13. Sudhirranjan Lahiri Mahavidyalaya, (1966) P. O. Majhdia, Ph. : (03473) 76206	**L** : B., E. **HU** : ***Hist., Pol. Sc.,*** Phil., Ec., Comp. Sc., Psy. **Com.** : ***Acc.***
TEACHERS' TRAINING COLLEGES	
1. Shimurali Sachinandan College of Education, (1976) P. O. Shimurali (Ku), Ph. : 30035 (03473)	B. Ed.

General Degree Colleges

		Subject
1.	Berhampur Girls' College (1946) P. O. Berhampur–742 101, Ph. : (03482) 520193 (W)	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem.,*** Bot., Zoo., ***Physio.,*** Math., ***Ec.*** **Voc.** : Comm. Eng., Ser., Tour & Tra.
2.	Berhampur College, (1963). P. O. Berhampur–742 101, Ph. : (03482) 52545	**L** : ***B., E.*** **HU** : ***Hist., Pol. Sc., Phil., Ec.,*** Geog., Math. **Com.** : P. ***Acc.***
3.	Dukhulal Nibaran Chandra College, (1967) P. O. Auragabad–742 201, Ph. : AGB–2477	**L** : B., E. **HU** : Hist., ***Pol. Sc.,*** Phil. **Sc.** : Phy., Chem., Math., Ec. **Com.** : P–***Acc.***
4.	Jangipur College, (1950) P. O. Jangipur–742 213, Ph. : Jangi–26	**L** : ***B.,*** E., S., **HU** : Hist., Pol. Sc., Phil. **Sc.** : ***Phy., Chem., Math.,*** Bot., Zoo., Ec., Bio Phy., Bio Chem. **Com.** : Elec. Gr. A
5.	Jatindra-Rajendra Mahavidyalaya, (1986) P. O. Amtala–742 121	**L** : ***B.,*** E., **HU** : ***Hist.,*** Pol. Sc., Phil.
6.	Kandi Raj College, (1950) P. O. Kandi–742 137, Ph. : 75230	**L** : B., E., S. **HU** : Hist., Pol. Sc., Phil. **Sc.** : ***Phy., Chem., Math., Ec.***
7.	Krishnanath College, (1858) P. O. Berhampore–742 101, Ph. : (03482) 520069	**L** : ***B., E., S.,*** Per. **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math., Ec., Bot., Zoo., Physio.,*** Stat. **Com.** : P. **Voc.** : Off Manag. & Sec. Prac. Ser., Tour & Tra.
8.	Murshidabad Adarsha Mahavidyalaya, (1981) P. O. Chak Islampur–742 304, Ph. : (03481) 036327, Isl. 327	**L** : ***B.,*** E. **HU** : Hist., Pol. Sc., Phil.
9.	Muzaffar Ahmed Mahavidyalaya, (1984) P. O. Salar–742 401, Ph. : 03484, 73305	**L** : B., E. **HU** : Hist., Pol. Sc., Phil., Edn., Geog.
10.	Panchthupi Haripada Gouribala College, (1996) Panchthupi	**L** : B., E. **HU** : Pol. Sc., Phil. Ec., Hist.
11.	Raja Birendra Chandra College of Commerce, (1965) P. O. Kandi–742 137, Ph. (03484) 75379	**Com.** : P–***Acc.***
12.	Rani Dhanya Kumari College, (1962) Jiaganj–742 123, Ph. : (03483) 50330	**HU** : ***Hist., Pol. Sc.,*** Def. Stud. ***Edn.*** **Com.** : P (Eve.) ***Acc.***
13.	Sewnarayan Rameswar Fatepuria College (1966) P. O. Beldanga–742 133, Ph. : (03482) 44040	**L** : ***B.,*** E. **HU** : ***Hist., Pol. Sc., Phil.***, Ec. **Com.** : (Eve.)—P. ***Acc.***
14.	Sripat Singh College, (1949) P. O. Jiaganj, Ph. : (03483) 50351	**L** : ***B.,*** E., S., **HU** : ***Hist., Pol. Sc., Phil.***, Ec. **Sc.** : ***Phy.,*** Chem., ***Math., Bot., Zoo.,*** Bio. Phy., Ec.
15.	Syed Nurul Hasan College, (1994-95) Farakka–742 123	**L** : B., E., Bot., Edn., Mus/Soc.

Teachers' Training Colleges

1.	Union Christian Trg. College, (1941) Berhampore, Ph. : 22054 (03482)	B. Ed.

General Degree Colleges

		Subject
1.	Bajkul Miloni Mahavidyalaya, (1964) P. O. Kismat Bajkul–721 655, Kajlagarh–1. Ph. : Bhag. 242 Est.	**L** : B., E., S. **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math.,*** Zoo., Bot., Ec., Physio. **Voc.** : Aut. Mob.
2.	Belda College, (1963) P. O. Belda, Ph. : 55245 (03229) Pin : 721424	**L** : ***B., E.*** **HU** : ***Hist., Pol. Sc., Phil.***, Ec. **Com.** : ***Acc.*** **Voc.** : Off. Mgt & Sec. Prac.
3.	Bhattar College, (1963) P. O. Danton, Ph. : Dant–238	**L** : ***B., E.,*** S., **HU** : ***Hist., Pol. Sc.,*** Ec., Phil. **Com.** : ***Acc.***
4.	Chandrakona Vidyasagar College, (1985) P. O. Chandrakona, Ph : (03225) 66294	**L** : ***B.,*** E., S. **HU** : ***Hist.,*** Pol. Sc., Phil., Ec. **Voc.** : Comp. App.
5.	Egra Sarada Sashibhusan College, (1985) P. O. Egra–Ph.–Egra 44073	**L** : ***B.,*** E., S. **HU** : ***Hist., Pol. Sc.,*** Phil. **Com.** : P **Voc.** : off Mgt. & Sec. Prac.
6.	Haldia Govt. College, (1988) Haldia, Ph. : (03224) 52278	**L** : ***B., E.*** **HU** : ***Edn., Soc. Sc.*** : Phy., ***Chem., Math., Ec.,*** Anthro., ***Stat., Geog.***
7.	Hijli College, (1994) Hijli–72102, Ph. : (03222/27) 2297/3201/2411	**L** : B., E. **HU** : Ec., Edn., Soc., Mus. **Voc.** : Ind., Fish., Comm. Eng., Comp. App., Off Manag. & Sec. Prac.
8.	Jhargram Raj College, (1949) P. O. Jhargram, Midnapore (Morn. + Day) Ph : (03221) 55022	**L** : ***B., E.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Bot., Zoo.,*** Physio., Ec., **Com.** : ***Acc.*** **Voc.** : F. Eng.
9.	Garbeta College, (1948) P. O. Garbeta, Amalagora–65143, Ph. : (03227) 65143	**L** : ***B., E., S.*** **HU** : ***Hist.,*** Pol. Sc., Phil. **Sc.** : ***Phy., Chem., Math.,*** Bot., ***Zoo.,*** Physio., Ec. **Voc.** : Off Mgt. & Sec. Prac. **Com.** : ***Acc.***
10.	Kaibalyadayini College of Commerce, (1961) P. O. Midnapore, Ph. : (03222) 62836	
11.	Kharagpur College, (1949) P. O. Kharagpur, Ph. : (03222) 55920	**L** : ***B., E.,*** S., ***H.*** **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math.,*** Zoo., Bot., Ec., Comp. Sc. **Com.** : ***Acc.*** **Voc.** : Ad. Sale
12.	Mahisadal Raj College, (1969) P. O. Mahisadal, Ph. : (03228) 77220	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math.,*** Ec. **Com.** : ***Acc.*** **Voc.** : Ind. Chem.
13.	Mahisadal Girls' College, (1969) P. O. Mahisadal, Ph. : (03228) 77520 (W) Pin-721628	**L** : ***B.,*** E., S. **HU** : ***Hist., Pol. Sc., Phil.***
14.	Midnapore College, (1873) P. O. Midnapore (Morn. + Day), Ph. : (03222) 62847/62977 (R)	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Bot., Zoo.,*** Physio., Stat., Ec., ***Geog.***
15.	Moyna College, (1972) P. O. Moyna, Pin–721629, Ph. : (03228) 60247	**L** : ***B.,*** E., S. **HU** : ***Hist., Pol. Sc.,*** Phil. **Com.** : P
16.	Mugberia Gangadhar Mahavidyalaya, (1964) Mugberia, Ph. : Bhupatinagar 236, (03220) 70236	**L** : ***B.,*** E., S. **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : Ec., **Com.** : ***Acc.*** **Voc.** : Tax proc.

		Subject
17.	Narajole Raj College, (1966) P. O. Narajole, Ph. : (03222) 62426	**L** : ***B.***, E., S. **HU** : ***Hist.***, Pol. Sc., Phil. **Sc.** : Phy., Chem., ***Math.***, Bot.
18.	Panskura Banamali College, (1961) P. O. Panskura, Ph. : (03228) 52222 Pin–721152	**L** : ***B., E.*** **HU** : ***Hist., Pol. Sc.***, Phil., Edn. **Sc.** : ***Phy., Chem., Math.***, Zoo., Bot., Physio, Geog., *Comp. Sc.* **Com.** : ***Acc.***, B. Ed. **Voc.** : Off. Mgt. & Sec. Prac.
19.	Pingla Thana Mahavidyalaya, (1965) P. O. Maligram, Ph. : Maligram 224	**L** : ***B.***, E., S. **HU** : ***Hist., Pol. Sc.***, Phil. **Sc.** : Phy., Chem., ***Math.***, Zoo., Bot., Ec. **Com.** : P
20.	Pravat Kumar College, (1926) P. O. Contai, Ph. : (03220) 55020/55775	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil., Ec. Sc.*** : ***Phy., Chem., Math.***, Zoo., ***Bot.***, Comp. Sc. **Com.** : ***Acc.*** P. B. Ed.
21.	Rabindra Satabarsiki Mahavidyalaya, (1961) P. O. Ghatal, Ph. (03225) 55024 (W)	**L** : ***B., E.*** **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : Phy., Chem., Math., Ec., Geog. **Com.** : P.
22.	Raja Narendra Lal Khan Women's College, (1957) P. O. Midnapur, Ph. : (03222) 62426	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil.***, Mus., ***Geog.***, Def. Stud. **Sc.** : Phy., Chem., ***Math., Zoo., Bot., Comp. Sc., Physio.***, Ec., **Voc.** : Ser.
23.	Ramnagar College, (1972) P. O. Depal, Ph. : (03220) 64241	**L** : B., E., S. **HU** : ***Hist.***, Pol. Sc., Phil. **Sc.** : ***Phy.***, Chem., Math. **Com.** : ***Acc.*** **Voc.** : Ind. Fish.
24.	Sabang Sajanikanta Mahavidyalaya, (1970) P. O. Lutunia–721166, Ph. : (03222) 48221	**L** : ***B.***, E., ***S.*** **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy.***, Chem., Math., Zoo., Bot., Physio. **Com.** : ***Acc.*** **Voc.** : Ind. Fish.
25.	Seva Bharati Mahavidyalaya, (1964) P. O. Parihati, Kapgari, Ph. : (03226) 63295	**L** : B., E. **HU** : Hist., Pol. Sc. **Sc.** : Phy., Chem., Math., Zoo., ***Anthro.***, Ind. Chem. **Com.** : ***Acc.***, B. Ed., **Voc.** : Ind. Fish., Se. Tech.
26.	Silda Chandrasekhar College, (1971) P. O. Silda	**L** : ***B.***, E. **HU** : ***Hist.***, Pol. Sc., Phil. **Sc.** : Phy., Chem., Math. **Com.** : P.
27.	Sitananda College, (1960) P. O. Nandigram	**L** : ***B.***, E. **HU** : ***Hist.***, Pol. Sc., Phil., Edn. **Sc.** : Phy., Chem., ***Math.***, Zoo., ***Anthro.*** **Voc.** : Ind. Fish.
28.	Subarnarekha Mahavidyalaya, (1988) P. O. Gopiballavpur-721 506, Ph. (1988) (03221) 278	**L** : B., E. **HU** : Hist., Pol. Sc., Anthro., Ec., Elect., ***Geog.*** **Com.** : ***Acc.*** **Voc.** : Tax Proc.
29.	Tamralipta Mahavidyalaya, (1948) P. O. Tamluk, Ph. : 66054 (03228)	**L** : ***B., E.*** **HU** : ***Hist., Pol. Sc.***, Phil. **Sc.** : Phy., ***Chem., Math., Zoo.***, Bot., Physio., Ec.
30.	Vivekananda Satabarshiki Mahavidyalaya, (1964) P. O. Manickpara, Ph. : (03222) 54244/62806	**L** : ***B.***, E., S. **HU** : Hist., Pol. Sc., Phil., Math., Ec. **Sc.** : Phy., Chem., Math.
31.	Vivekananda Mission Mahavidyalaya, (1968) P. O. Chaitanyapur, Ph. : (03224) 86223	**L** : B., ***E.***, S. **HU** : Hist., ***Pol. Sc., Phil. Sc.*** : Phy., Chem., Math., **Com.** : ***Acc.***
32.	Yogada Satsangha Palpara Mahavidyalaya, (1964) P. O. Palpara, Ph. : Mangla 49227	**L** : ***B.***, E., S. **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : Phy., Chem., ***Math.***, Ec., B. Ed. **Voc.** : Comp. App.

TEACHERS' TRAINING COLLEGES

	Subject
1. Vidyasagar Teachers' Training College, (1968) P. O. Midnapur, Ph. : (03222) 62479	B. Ed.
2. Sevayatan Sishak Sikshan Mahavidyalaya, (1960) Jhargram, Ph. : (03221) 550625	B. Ed.

COLLEGES IN BURDWAN (STD-03421) (BU)

GENERAL DEGREE COLLEGES

	Subject
1. Asansol Girls' College (1956) P. O. Asansol–713 304, Ph. : (0341) 204098	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : Phy., ***Chem.,*** Math., Zoo., ***Bot., Geog.,*** Ec. **Com.** : ***Acc.***
2. Banwarilal Bhalotia College, (1944) P. O. Asansol–713 303 (Morn. + Day + Eve.) Ph. : (0341) 202842	**L** : ***B., E., H.,*** S. **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Ec.,*** Stat., Elect., Math.
3. Bidhan Chandra College, (1961) P. O. Asansol–713 304, Ph. : (0341) 20-2520	**L** : ***B.,*** E., S., H, Ur. **HU** : ***Hist.,*** Pol. Sc., Phil. **Sc.** : ***Phy.,*** Chem., ***Math.,*** Ec. **Com.** : ***Acc.***
4. Burdwan Raj College, (1881) (0342) 65841/67787 (R) Burdwan–713 104 (Morn. + Day + Eve.)	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Math., Phil., Soc., Ec., Sc.*** : ***Phy., Chem., Math., Zoo., Bot.,*** Elect. **Com.** : ***Acc. & Aud., Bank & Cur.,*** F. Ex., Adv. Acc., Fin & Adm of Pub. Corp. **Voc.** : Ind. Fish
5. Chandrapur College, (1985) P. O. Chandrapur, Katwa–713 145, Ph. : (0342) 72222	**L** : B., E. **HU** : ***Hist.,*** Pol. Sc., Phil. Ec., **Com.** : ***Acc.***
6. Deshbandhu Mahavidyalaya, (1973) P. O. Chittaranjan, Asansol–713 331, Ph. : (0341) 525 449	**L** : B. ***E.*** S., H. **HU** : Hist., ***Pol. Sc.,*** Phil. **Sc.** : Phy., Chem., ***Ec., Math.*** **Com.** : P–***Acc.***
7. Durgapur Govt. College, (1970) Durgapur–71324 (Morn. + Day), Ph. : (0343) 554135	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math.,*** Bot., Zoo., Elect., ***Geo., Ec.,*** **PG.** : Geo., **Com** : ***Acc.***
8. Durgapur Women's College, (1980) P. O. Durgapur–71324, Ph. : (0343) 562852	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : Phy., Chem., Math., Elect., Ec.
9. Dr. Gour Mohan Roy College, (1986) P. O. Monteswar–713 145, Ph. : (0342) 75548	**L** : B., E. **HU** : Hist., Pol. Sc., Phil., Ec. **Com.** : P
10. Dr. Bhupendranath Dutta Smriti Mahavidyalaya, (1996) Hatgobindapur	**L** : B., E. **HU** : H., Ec., Pol. Sc., **Com.** : P
11. Guskara Mahavidyalaya, (1965) P. O. Guskara–713 128, Ph. : (03452) 55105	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : Phy., ***Chem.,*** Math., Ec., Zoo., Bot. **Com.** : Aud & Acc., Adv., Acc.
12. Kabi Nazrul Islam Mahavidyalaya, (1982) P. O. Churulia–713 368, Ph. : (03465) 52202	**L** : B., E. **HU** : Hist., Pol. Sc., Phil., **Com.** : P all Subjects.
13. Kalna College (1943) P. O. Kalna–713 409, Ph. : (03454) 55032	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Geog., Phy., Chem., Math., Zoo.,*** Bot. **Com.** : ***Acc., Adv. Acc.,*** B. Ed.

	Subject
14. Katwa College, (1948) P. O. Katwa (Day + Eve.) Ph. : (03453) 55049	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc., Math.,Phil. Sc.*** : ***Phy., Chem., Math., Zoo.,*** Bot., Stat., Elect. Geog., ***Physio.*** **Com.** : ***Acc.,*** Adv. Acc., Adv. Bank, B. Ed.
15. Khandra College, (1982) P. O. Khandra, Ph. : (0341) 665245	**L** : ***B., E.,*** S., H. **HU** : Hist., Pol. Sc., Phil., Ec. **Com.** : P all subjects. ***Acc.***
16. Kulti College, (1986) P. O. Kulti–713 343, Ph. : (0341) 520711	**L** : B., E., H. **HU** : Hist., Pol. Sc., Ec. **Com.** : P.
17. M. U. C. Women's College, (1955) Burdwan–713 104 (Morn. + Day) Ph. : (0342) 65168 (W)	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil., Edn., Soc. Sc.*** : Phy., ***Math.,*** Chem., ***Zoo., Bot.,*** Geog., ***Ec.***
18. Mankar College, (1987) P. O. Mankar–713 144, Ph. : (03452) 47269	**L** : ***B.,*** E., H. **HU** : Hist., Pol. Sc., Phil., Ec., Geog., Math. **Com.** : P, **Voc.** : Comp. App.
19. Memari College, (1981) P. O. Memari–713 146, Ph. : (0342) 25589	**L** : ***B.,*** E., **HU** : ***Hist., Pol. Sc.,*** Phil., Ec. **Com.** : ***Acc.***
20. Michael Madhusudan Memorial College, (1996) Durgapur 0343 545912	**L** : B., E. **HU** : Hist., Phil., Ec. **Com.** : P
21. Raniganj Girls' College, (1980) P. O. Raniganj–713 347, Ph. : (0341) 444069 (W)	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : Phy., ***Chem., Math.,*** Zoo., Bot., Ec.
22. Syamsundar College, (1948) P. O. Syamsundar–713 424, Ph. : SMSR–226	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : Phy., ***Chem., Math., Zoo.,*** Bot., Ec. **Com.** : Acc. **Voc.** : Se. Tech.
23. Trivenidevi Bhalotia College, (1957) P. O. Raniganj–713 347, Ph. : (0341) 44-4780	**L** : ***B., E.,*** S., ***Ur., H.*** **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : ***Phy., Chem., Math., Zoo., Bot., Ec.,*** Stat., Elect., Geo., ***Geog.,*** Comp Sc., Physio.
24. Vivekananda Mahavidyalaya, (1964) Burdwan–713 103, Ph. : (0342) 65521/208	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : ***Phy., Chem., Math., Zoo., Bot.,*** Stat., ***Geog., Ec.***
TEACHERS' TRAINING COLLEGE	
1. Govt. College of Education, (1964) Kajarhat, P. O. Lakurdi, Burdwan–713 102 Ph. : (0342) 65512	B. Ed.
MUSIC COLLEGE	
1. Padmaja Naidu College of Music, (1975) Rajbati–713 104	Music

COLLEGES IN DARJEELING (0354), SLI 0353 (NBU)

	Subject
GENERAL DEGREE COLLEGES	
1. Bijonbari College, (1995), P. O. Kaijalia	**L** : E., N. **HU** : Hist., Pol. ***Sc.,*** Ec.
2. Darjeeling Govt. College, (1948) P. O. Darjeeling–734 101 (Morn. + Day) Ph. : (0354) 54019	**L** : ***B., E.,*** H., ***N.,*** Tib., Ur. **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math., Zoo., Bot., Geog., Ec.*** **Com.** : ***Acc.***

		Subject
3	Kalipada Ghosh Tarai Mahavidyalaya, (1986) P. O. Bagdogra–734 422, Ph. : (0353) 450662	**HU** : Hist., Pol. Sc., Math. **Com.** : P, ***Acc.***
4.	Kalimpong College, (1962) P. O. Kalimpong–734 301, Ph. : (03552) 55231	**L** : B., ***E.***, H., S., ***N***, Tib. **HU** : ***Hist., Pol. Sc., Phil,*** Geog. **Sc.** : Phy., Chem., Math., Ec., ***Bot., Zoo.***, **Com.** : P & ***Acc.***
5.	Kurseong College, (1967) P. O. Kurseong–743 203, Ph. : (0354) 44243	**L** : B., ***E., N.*** **HU** : ***Hist., Pol. Sc.***, Phil. **Sc.** : Zoo., Bot., Geog. **Com.** : P.
6.	Loreto College, (1961) P. O. Darjeeling–734 101, Ph. : (0354) 54238 (W)	**L** : ***E.***, H., ***N.*** **HU** : ***Hist., Pol. Sc.***, Phil., Ec., Edn., ***Geog.***
7.	Salesian College, (1933) P. O. Sonada–734 219, Ph. : (0354) 62043 (W)	**L** : E., Lat. **HU** : Hist., Pol. Sc., Ec.
8.	Siliguri College, (1950) P. O. Siliguri–734 401, Ph. : (0353) 420390	**L** : ***B., E.***, S., H., ***N.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Zoo., Bot.***, Stat., ***Geog.***, Physio., ***Ec.***
9.	Siliguri College of Commerce, (1962) P. O. Siliguri–734 401, Ph. : (0354) 432594	**Com. :** ***Acc.***
10.	Siliguri Mahila Mahavidyalaya, (1981) Debgram Colony, P. O. Rabindra Sarani-734 406 Ph. : (0353) 423442	**L** : B., ***E.*** **HU** : Hist., ***Pol. Sc.***, Phil., Ec.
11.	Sonada College, (1985) P. O. Sonada–734 219, Ph. : (0354) 66316	**L** : B., N. **HU** : Hist., Pol. Sc., Ec., Edn.
12.	St. Joseph College, (1927) P. O. North Point, Darjeeling–734 101 Ph. : (0354) 54155	**L** : ***B., E., H.***, N., Tib. **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Zoo., Bot., Geog.***

TEACHERS' TRAINING COLLEGES

1.	Sree Ramkrishna B. T. College (1957) Darjeeling–734 101, Ph. : (0354) 52448	B. Ed.
2.	Siliguri B. Ed. College, (1990) Siliguri–734 433, Ph. : (0353) 450556	B. Ed.

COLLEGES IN JALPAIGURI (03561 (NBU)

GENERAL DEGREE COLLEGES

1.	Alipurduar College, (1957) P. O. Alipurduar–736 121, Ph. : (03564) 55045	**L** : ***B., E.***, S. **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Geog., Ec.***, Zoo., Bot. **Com.** : ***Acc.*** **Voc.** : Comp. App.
2.	Ananda Chandra College, (1942) Jalpaiguri–735 101, Ph. : (03561) 22107	**L** : ***B., E.***, S. **HU** : ***Hist., Pol. Sc.***, Phil. **Sc.** : ***Phy., Chem., Math., Zoo.***, Bot., Comp. Sc., Geog., Physio.
3.	Ananda Chandra College of Commerce, (1962) D. B. C. Road, Jalpaiguri-735 101, Ph. : (03561) 22107	**Com :** *Acc.*
4.	Birpara College, (1986) P. O. Birpara–735 204, Ph. : (03563) 66217	**L** : B, E. **Sc.** : Ec., Soc., Geog. **Com.** : P.
5.	Falakata College, (1981) P. O. Falakata–735 211, Ph. : (03563) 60307	**L** : B., ***E.*** **HU** : ***Hist.***, Pol. Sc., Edn., Ec., Phil.

	Subject
6. Parimal Mitra Smriti Mahavidyalaya (1985) P. O. Mal–735 211, Ph. (03561) 55212	**L** : ***B.***, E. **HU** : ***Hist.***, Pol. Sc., Ec., Phil. **Com.** : P
7. Prasannadeb Women's College, (1950) P. O. Jalpaiguri–735 101, Ph. : (03561) 22146	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem.,*** Math., Bot., Zoo., ***Ec., Geog. Voc.*** : Tour-Tra
8. Sukanta Mahavidyalaya (1981) P. O. Dhupguri–735210, Ph. : (03563) 50067/R-50101	**L** : B., ***E.,*** **HU** : Hist., ***Pol. Sc.,*** Edn., Ec., Phil. **Sc.** : Phy., Math., Comp. Sc.
9. Saheed Kshudiram College, (1996) Kamakshyaguri, Ph. :	**L** : B., E. **HU** : Hist., Pol. Sc., Geog.
10. Vivekananda College, (1985) P. O. Alipurduar–736 121, Ph. : (03564) 55362	**L** : ***B., E.*** **HU** : ***Hist., Pol. Sc.,*** Phil., Edn.
TEACHERS' TRAINING COLLEGE	
1. Ananda Chandra Training College, (1958) Jalpaiguri–735 101, Ph. : (03561) 22244	B. Ed.
LAW COLLEGE	
1. Jalpaiguri Law College (1981), Ph. : (03561) 22905	Law

COLLEGES IN COOCH BEHAR (03582) (NBU)

	Subject
GENERAL DEGREE COLLEGES	
1. A. B. N. Seal College, (1888) P. O. Cooch Behar–736 101 (Morn. + Day) Ph. : (03582) 22314	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil. Sc.*** : ***Phy., Chem., Math., Bot., Zoo., Ec.***
2. Cooch Behar College, (1970) P. O. Cooch Behar–736 101, Ph. : (03582) 22702	**L** : B., E. **HU** : Hist., Pol. Sc., ***Phil.,*** Ec., ***Geog.*** **Com.** : ***Acc.*** **Voc.** : Comm. Eng., off. Mgt. & Prac., Ad. Sale.
3. Dinhata College, (1956) P. O. Dinhata–736 135, Ph. : (03581) 55094	**L** : ***B., E.*** **HU** : ***Hist., Pol. Sc., Phil. Edn.*** **Sc.** : ***Phy., Chem., Math., Ec.,*** Bot., Zoo. **Com.** : ***Acc.***
4. Mathabhanga College, (1969) P. O. Mathabhanga, Ph. : (03583) 282/94	**L** : B., E. **HU** : Hist., ***Pol. Sc.,*** Phil. **Sc.** : Phy., Chem., Math., Stat.
5. Mekhliganj College (1996), Mekhliganj	**L** : B., E. **HU** : Hist., Pol. Sc.
6. Netaji Subhas Mahavidyalaya, (1985) P. O. Haldibari–735 122, Ph. : (03561) 63266	**L** : B., ***E.*** **HU** : Hist., Pol. Sc., Phil. Ec.
7. Thakur Panchan Mahila Mahavidyalaya, (1981) 736 101, Ph. : (03582) 22695	**L** : B., E., S. **HU** : Hist., Pol. Sc., Phil., Edn.
8. Tufangunj College, (1971) P. O. Tufangunj–736 159, Ph. : (03582) 44263	**L** : ***B.,*** E., S. **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : Chem., Bot., Zoo., Ec., ***Soc.*** **Com.** : P
9. University B. T. Evening College (1968) Pin–736 101, Ph. : (03562) 22714	**L** : B., E. **HU** : Hist., Pol. Sc., Phil., Ec., B. Ed. **Com.** : P (Eve.)

TEACHERS' TRAINING COLLEGE

	Subject
1. Govt College of Physical Education for Women, (1985) P. O. Dinhata–736 135, Ph. : (03581) 55154	Phy. Edn.

COLLEGES IN BIRBHUM (03462) (BU)

GENERAL DEGREE COLLEGES

	Subject
1. Abhedananda Mahavidyatan, (1965) P. O. Sainthia–731 234, Ph. : (03464) 62292	**L** : ***B., E.,*** **HU** : Hist., ***Phil.,*** Pol. Sc., Ec. **Sc.** : ***Phy.,*** Chem., ***Math.,*** Bot., Zoo., Elect. **Com.** : ***Acc.***
2. Birbhum Mahavidyalaya, (1979) P. O. Suri–731 101, Ph. : (03462) 55653	**L** : ***B.,*** E., S. **HU** : Hist., ***Pol. Sc.,*** Phil., ***Geog.***
3. Bolpur College, (1950) Bolpur–731 120, Ph. : (03463) 52290	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : Phy., ***Chem., Math., Zoo.,*** Bot. ***Ec.*** **Com.** : ***Acc.*** Voc. : Sericul & Ura
4. Chandidas Mahavidyalaya, (1972) P. O. Khujuliapara–731 215	**L** : B., ***E.,*** S. **HU** : ***Hist.,*** Pol. Sc., Phil. **Sc.** : Math., Ec. **Com.** : ***Acc.***
5. Hiralal Bhakat College, (1986) P. O. Nalhati–731 220, Ph. : (03465) 55-254	**HU** : Hist., Pol. Sc., Ec., Math. **Com.** P, ***Acc.*** **L : B, E.**
6. Kabi Nazrul Islam College, (1985) P. O. Murarai–731 219, Ph. : (03405) 52202	**L** : B., E. **HU** : Hist., Pol. Sc., Phil. **Com.** : P.
7. Krishna Chandra College, (1897) P. O. Hetampur, Dubrajpur Ph. : (03462) 44236/44201	**L** : ***B.,*** E., ***S.*** **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : ***Phy., Chem., Math., Ec., Zoo., Bot.***
8. Rampurhat College, (1950) P. O. Rampurhat–731 224 (Morn. + Day + Eve.) Ph. : (03461) 55018	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : ***Phy., Chem., Math.,*** Zoo., Bot., Ec. **Com.** : ***Acc.***
9. Sambhu Nath College, (1963) P. O. Labpur, Ph. : (03464) 66225	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : ***Phy.,*** Chem., Math., ***Ec.,*** Zoo., Bot. **Com.** : Acc. & Aud., LSG., L. Bodies., BK.
10. Suri Vidyasagar College, (1942) P. O. Suri–731 303 (Day + Eve.), Ph. : (03462) 55504	**L** : ***B., E., S.,*** Ar. **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : ***Phy., Math., Chem., Zoo., Bot.,*** Plt. Prot., Geo., Ec., Physio. **Com.** : ***Acc.***

COLLEGES IN BANKURA (03242) (BU)

GENERAL DEGREE COLLEGES

	Subject
1. Bankura Zilla Saradamini Mahila Mahavidyapith, (1973) P. O. Bankura, Ph. : (03242) 51194	**L** : ***B., E.,*** S. **HU** : Hist., ***Pol. Sc.,*** Phil., Ec., Geog.
2. Bankura Christian College, (1903) P. O. Bankura–722 101, Ph. : (03242) 50924	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil., Soc. Sc.*** : ***Phy., Chem., Math., Bot., Zoo., Elect.,*** Geog., ***Ec.,*** Pre-Med., Physio.
3. Bankura Sammilani College, (1948) P. O. Kadhuadhi, Ph. : (0342) 50741	**L** : B., E. **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : Phy., Stat., ***Chem., Math., Zoo., Bot.*** ***Ec.*** **Com.** : ***Acc.*** **Voc.** : Tax. Pro & Prac.

	Subject
4. Barjora College, (1985) P. O. Barjora, Ph. : (03241) 57309	**L** : ***B., E.*** **HU** : Hist., Pol. Sc., Phil., Ec.
5. Gobinda Prasad Mahavidyalaya, (1985) P. O. Amarkanan	**L** : B., E., S. **HU** : Hist., Pol. Sc., Phil., Ec.
6. Jamini Roy College, (1986) P. O. Beliatore, Ph. : (03243) 59261	**L** : B., E. **HU** : ***Hist.,*** Pol. Sc., Phil., Ec.
7. Khatra Adibasi Mahavidyalaya, (1979) P. O. Khatra, Ph. : (03243) 62261	**L** : ***B.,*** E., S. **HU** : Hist., Pol. Sc., Phil., Ec. **Com.** : ***Acc.,*** Adv. Acc.
8. Panchmura Mahavidyalaya, (1965) P. O. Panchmura, Ph. : (03243) 68227	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc.,*** Phil., Geog. **Sc.** : Phy., Chem., Math., ***Ec.*** **Com.** : ***Acc.***
9. Pandit Raghunath Murmu Smriti Mahavidyalaya, (1986) Pirongari, Khatra–722 150, Ph. : (03243) 62-211	**L** : ***B., E.,*** S. **HU** : ***Hist.,*** Pol. Sc., Phil., Ec., Geog.
10. Ramananda College, (1945) P. O. Bishnupur (Day + Eve.), Ph. : (03244) 52059	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Zoo., Bot., Physio., Ec.,*** Comp. Sc., ***Geog.,*** Stat. **Com.** : ***Acc.*** **Voc.** : Off. Manag & Sec. Prac.
11. Saldiha College, (1966) P. O. Saldiha, Ph. : (03241) 62228	**L** : ***B.,*** E., ***S.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem.,*** Math., Bot., Zoo., Ec. Physio. **Com.** : ***Acc.***
12. Sonamukhi College, (1966) P. O. Sonamukhi–722 207, Ph. : (03244) 75251	**L** : ***B.,*** E., S. **HU** : Hist., ***Pol. Sc., Phil.*** **Sc.** : Phy., Chem., Math., ***Bot., Zoo.,*** Ec. **Com.** : ***Acc.***
TEACHERS' TRAINING COLLEGE	
1. Nikhil Banga Sikshak Mahavidyalaya (1969) P. O. Bishnupur, Ph. : (03244) 52001	B. Ed., B. Ped.

COLLEGES IN PURULIA (03252) (BU)

	Subject
GENERAL DEGREE COLLEGES	
1. Achhuram Memorial College, (1975) P. O. Jalda–723 202, Ph. : (03254) 55255	**L** : B., E., S., H. **HU** : ***Hist.,*** Pol. Sc., Phil., **Sc.** : ***Phy., Math.,*** Bot., Zoo., Geog., Ec.
2. Balarampur College, (1985) P. O. Rangadih–723 143, Ph. : Rana 217	**L** : B., E., H. **HU** : ***Hist.,*** Pol. Sc., ***Phil.*** **Com.** : ***Acc.***
3. J. K. College, (1948) P. O. Ketika–723 101, Ph. : (03252) 22416	**L** : ***B., E.,*** S., H. **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Zoo.,*** Bot., ***Ec., Geog.*** . **Com.** : ***Acc.***
4. Mahatma Gandhi College, Lalpur (1981) P. O. Daldali	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc.,*** Phil. **Com.** : P, ***Acc.*** & Aud. For Ex., Fin. & Pub. Adm.
5. Manbhum Mahavidyalaya, (1986) P. O. Manbazar–723 131	**L** : B., E. **HU** : ***Hist.,*** Pol. Sc., Ec., Geog. **Com.** : P & ***Acc.***
6. Netaji Subhas Asram Mahavidyalaya, (1985) P. O. Suisa–723 212	**L** : ***B.,*** E. **HU** : Hist., Pol. Sc., Phil. Geog.

	Subject
7. Nistarini College, (1957) (W) P. O. Deshbandhu Road–732 101, Ph. : (03252) 22064	**L** : ***B., E.,*** H. **HU** : Hist., ***Pol. Sc., Phil.,*** **Sc.** : Phy., ***Chem.,*** Math., Zoo., Bot., Ec., ***Geog.***
8. Raghunathpur College, (1961) P. O. Raghunathpur–723 133, Ph. : (03251) 55235	**L** : ***B.,*** E., ***S.*** **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem.,*** Math., Zoo., Bot., ***Ec.*** Geog., **Com.** : P
9. Ramananda Centenary College, (1971) P. O. Laulara–723 151, Ph. : (03253) 59217	**L** : ***B., E.*** **HU** : Hist., Pol. Sc., ***Phil. Sc.*** : Phy., ***Chem.,*** *Math., Zoo., Bot., Ec., Geog.*

TEACHERS' TRAINING COLLEGE

1. Sponsored Teachers' Training College, (1964) Purulia–723 101, Ph. : (03252) 22323	B. Ed.

COLLEGES IN MALDA (03512) (NBU)

GENERAL DEGREE COLLEGES

	Subject
1. Chanchol College, (1969) P. O. Chanchol–732 123, Ph. : (03513) 52261	**L** : B., E. **HU** : Hist., Pol. Sc., Phil. ***Sc.*** : Phy., Chem., Math., Ec. **Com.** : P.
2. Gour Mahavidyalaya, (1985) P. O. Mongalbari–732 142, Ph. : (03512) 60547, 60510	**L** : ***B., E.*** **HU** : Hist., Pol. Sc., ***Soc., Edn.*** **Voc.** : Comm. Eng.
3. Kaliachak Degree College (1955) P. O. Kaliachak–732 201, 03512 44696	**L** : B., E. **HU** : Hist., Pol. Sc., Bot., Edn., Ec.
4. Malda College, (1944) P. O. Malda–732 101, Ph. : (03512) 66807	**L** : ***B., E., S.,*** Ar. **HU** : ***Hist., Pol. Sc., Phil.*** **Sc.** : ***Phy., Chem., Math., Bot., Zoo., Ec.*** ***Geog.,*** **Com.** : Aud & Acc., Adv. Acc., Bus. Org., I. Tax., Cos., Ind. Law., Com., Math., Com. Geog.
5. Malda Women's College, (1970) P. O. Malda–732 101, Ph. : (03512) 62597	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc., Phil.,*** Edn., ***Soc., Sc.*** : Ec., ***Geog.,*** Math.
6. Samsi College, (1968) P. O. Samsi–732 139, Ph. : (03513) 65252	**L** : B., E., S., Ar. **HU** : Hist., ***Pol. Sc.,*** Phil., Ec., **Com.** : P.
7. South Malda College, (1995) Kaliachak–732 201	**L** : B., E., Ar. **HU** : Math., Pol. Sc., Ec., Edn.
8. Pakuahat Degree College (1997) P. O. Pakuahat	**L** : B. E. **HU** : Hist., Pol. Sc., Soc.

TEACHERS TRAINING COLLEGE

1. Govt. Teachers' Training College, (1964) Malda–732 101, Ph. : (03512) 52272/53291 (R)	B. Ed.

COLLEGES IN SOUTH DINAJPUR (03522) (NBU)

GENERAL DEGREE COLLEGES

	Subject
1. Balurghat College, (1948) P. O. Balurghat–733 101, Ph. : 55392/91 (03522)	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : ***Phy., Chem., Math., Zoo., Bot., Ec.*** **Com.** : ***Acc.*** **Voc.** : Arch. M.

	Subject
2. Balurghat Mahila Mahavidyalaya, (1970) P. O. Balurghat–733 101, Ph. : (03522) 55393	**L** : B., ***E.*** **HU** : Hist., ***Pol. Sc., Phil.,*** Ec.
3. Gangarampur College, (1981) P. O. Gangarampur–733 124, Ph. : (03521) 55075	**L** : B., ***E.*** **HU** : Hist., Pol. Sc., Phil., Geog. **Sc.** : Phy., Chem., Math., Ec. **Com.** : P
4. Dewan Abdul Gani College, (1994) P. O. Harirampur–733125	**L** : B., E. **HU** : Hist., Pol. Sc., Phil.

COLLEGES IN NORTH DINAJPUR (03523) (NBU)

	Subject
GENERAL DEGREE COLLEGES	
1. Dalkhola Agrasen Mahavidyalaya, (1995) P. O. Dalkhola–733 201	**L** : B., E., H., Ur. **HU** : Hist., Pol. Sc., Ec., Soc.
2. Islampur College, (1973) P. O. Islampur–733 202, Ph. : (03526) 55088	**L** : B., E., Ur., H. **HU** : ***Hist., Pol. Sc.,*** Phil. **Sc.** : Phy., Chem., Math., Ec.
3. Kaliyaganj College, (1968) P.O. Kaliyaganj–733 129, Ph. : (03523) 58030	**L** : ***B., E.,*** S. **HU** : ***Hist., Pol. Sc., Phil.,*** **Com.** : ***Adv. Acc., Aud*** & ***Acc.*** **Sc.** : Ec, Math., Phy., Chem.
4. Raiganj Surendranath Mahavidyalaya, (1986) P. O. Raiganj–733 134, Ph. : (03432) 53055	**L** : ***B.,*** E., **HU** : Hist., Pol. Sc., ***Edn.,*** Soc., Ec.
5. Raiganj University College Ph. : (03532) 52564/52714/52603	**L** : ***B., E., S.*** **HU** : ***Hist., Pol. Sc., Phil., Geog., Sc.*** : ***Phy., Chem., Math., Bot., Zoo., Ec.*** **Com.** : ***Acc., Voc.*** : Ser.
TEACHERS' TRAINING COLLEGE	
1. Raiganj B. Ed. College, (1982) P. O. Raiganj–733 130, Ph. : (03532) 52413	B. Ed.

N. B. : PP–all, SP-Trg. 1.

ENGINEERING AND TECHNOLOGICAL COLLEGES

1. College of Ceramic Technology, (1962) (CU) 72, A. C. Banerjee Lane, Calcutta–700 010 Ph. : 350-7311	Ceramic Technology, B.Sc. Tech.
2. College of Leather Technology, (1941) (CU) Canal South Road, Pagladanga, Calcutta–700 015 Ph. : 244-2740	Lether Technology, B. Sc. Tech.
3. College of Textile Technology, (1957) (CU) Serampore, Hooghly, Ph. : 662-3156/1056	Textile Technology, B. Sc. Tech., M. Sc. Tech.
4. College of Textile Technology, (1958) (CU) Berhampore, Murshidabad, Ph. : (03482) 20042/20809	Textile Technology, B. Sc. Tech.
5. Jalpaiguri Govt. Engineering College, (1958) (NBU) Jalpaiguri, Ph. : (03561) 22751/22664	B. Sc. Tech. (Civil, Mech., Elec.)
6. Kalyani Engineering College, (1995) (KU)	B. E. (Mech., Comp. Sc., Elect.)

7. Haldia Institute of Technology, (1996) (VU)
Dr. Ambedkar Bhaban, City Centre, 721 657
P. O. Debhog, Midnapore, Ph. : (03224) 52718

Instr. Engg., Comp.Sc. & Engg., Chem., Engg. B. Pharma, Master of Business Adm., Electronics & Tel. Com. Engg., Information Technology.

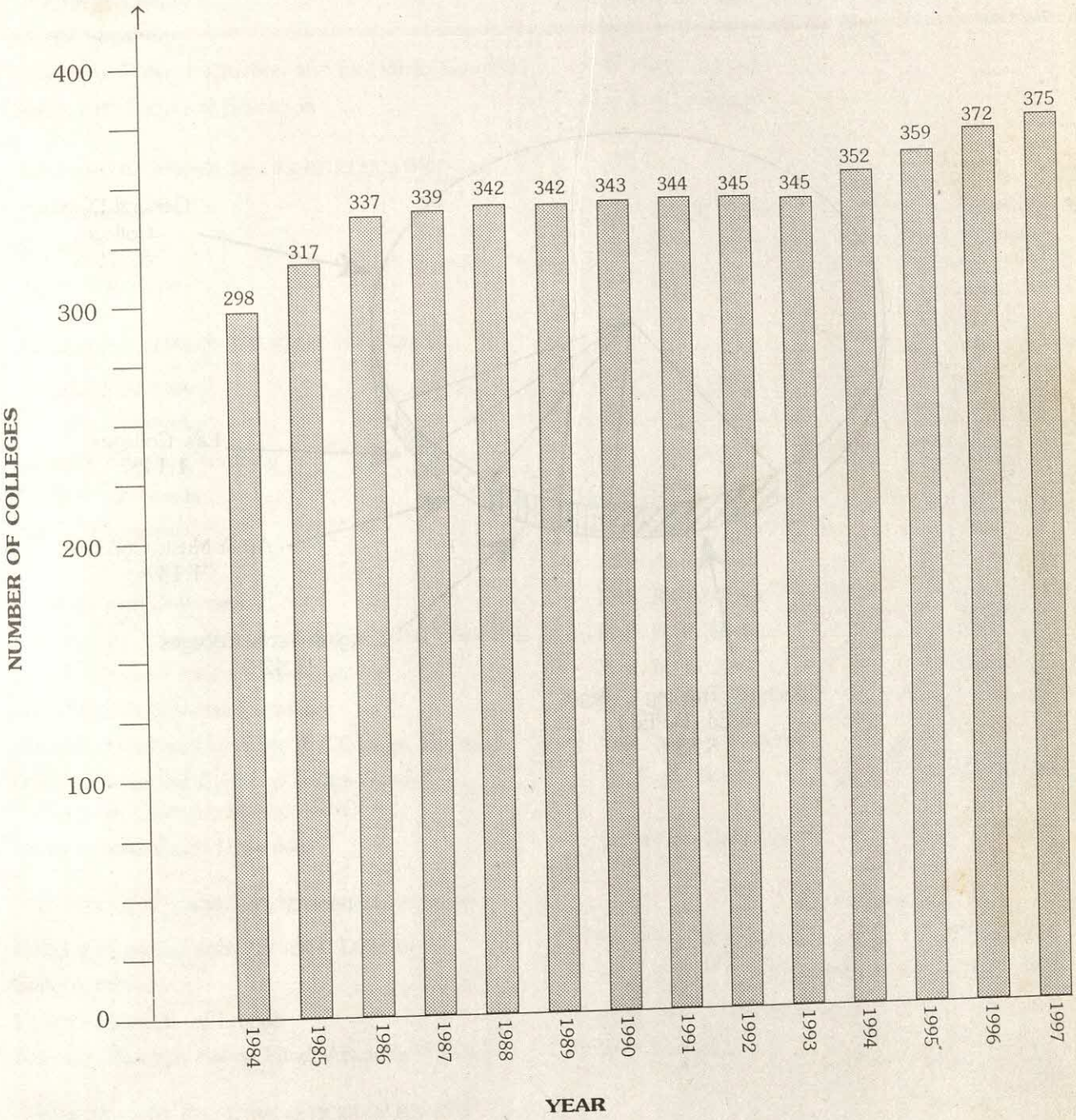
8. Institute of Engineering & Management (1997) (KU)
Salt Lake City, Calcutta

Electronics & Telecommunication Engineering, Computer Engineering.

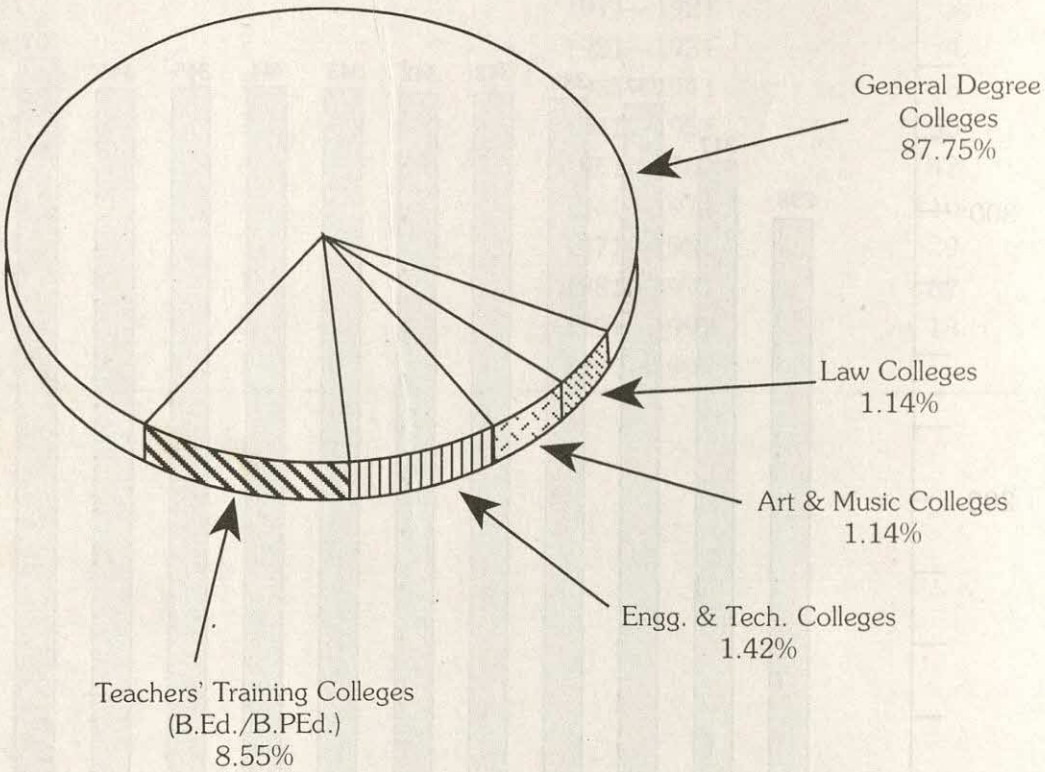
Decadal Growth of Colleges Since 1811 (Excluding Technology Colleges)

Decadal Year	Number of Colleges	Decadal Year	Number of Colleges
1811—1821	2	1911—1921	2
1821—1831	2	1921—1931	4
1831—1841	1	1931—1941	8
1841—1851	2	1941—1951	55
1851—1861	4	1951—1961	42
1861—1871	3	1961—1971	110
1871—1881	2	1971—1981	29
1881—1891	7	1981—1991	62
1891—1901	5	1991—1997	18
1901—1911	1	1997—1998	3

GROWTH OF COLLEGES DURING 1984-1997



PERCENTAGE OF DISTRIBUTION OF COLLEGES



APPENDIX—II

FUNCTIONARIES

DEPARTMENT OF HIGHER EDUCATION

Minister-in-Charge	— **Prof. Satyasadhan Chakraborty**		
Principal Secretary	— Sri Manish Gupta/Sri Hirak Ghosh		
Special Secretary	— Sri S. P. Nandi/Sri P. N. Roy		
Director of Public Instruction and Ex-Officio Secretary	— Dr. P. K. Ganguli		
Director of Technical Education	— Sri G. C. Debnath		

WEST BENGAL COUNCIL OF HIGHER EDUCATION

Vice Chairman	— Prof. Pabita Sarkar	—	466-0209
Secretary	— Dr. Pratip Choudhury	—	466-1005
Deputy Secretary	— Md. Refatullah		

VICE-CHANCELLORS OF THE STATE UNIVERSITIES

Calcutta University	— Prof. R. N. Bose		
Jadavpur University	— Prof. Subodh Ch. Som		
Rabindra Bharati University	— Prof. Subhankar Chakraborty		
Burdwan University	— Prof. Dilip Kr. Basu		
Kalyani University	— Prof. Basudev Barman		
Vidyasagar University	— Prof. Amiya Deb		
North Bengal University	— Prof. Ranju Gopal Mukherjee		
West Bengal University of Animal & Fishery Sciences	— Prof. B. B. Mallick		
Bidhan Chandra Krishi Viswavidyalaya	— Prof. M. G. Som		
Visva Bharati (Central) University	— Prof. D. K. Sinha		
Director, Deemed University (BE College, Shibpur)	— Prof. S. M. Chatterjee		
Director, Regional Centre of Indira Gandhi National Open University (IGNOU)	— Dr. C. K. Ghosh	—334-9850/7576	
Netaji Subhas Open University	— Dr. R. R. Chakraborty	—	287-0158

DIRECTOR OF ACADEMIC BODIES/INSTITUTES/WINGS

Netaji Institute for Asian Studies, Director	— Dr. Jiban Mukherjee	—	247-3145
State Archives	— Prof. L. M. Roy Chowdhury	—	241-3966
Director, Institute of English	— Prof. Smt. M. Bhattacharya		
Director, Paschim Banga Hindi Academy (Hony.)	— Prof. S. Singh		

CHAIRMAN/CHIEF EXECUTIVE OFFICER OF BOARDS

Chairman, West Bengal College Service Commission	— Prof. Nityananda Saha	—	241-4679
Chairman, Board of Joint Entrance Examination	— Prof. S. M. Chatterjee		
Chief Executive Officer, West Bengal State Book Board	— Prof. G. Majumdar	—	26-7854

APPENDIX—III

TELEPHONE INDEX

Calcutta University	:	241-0071-76/4984-90
Vice Chancellor	:	241-3288 Fax : 241-3232 Telex : 021-2752 UNIVIN
Pro. V. C. (Finance)	:	241-3288/R–478-2802
Pro. V. C. (Academic)	:	241-0071/4984
Registrar	:	241-0071
Controller of Examinations	:	241-0071/241-4984
Science College (Hazra)	:	475-3680/4681/82
Science College (Raja Bazar)	:	350-1387/8386/9115/9413
Science College (Alipore)	:	479-2861/1645
Univ. College of Medicine	:	248-2041/84
Law College	:	475-5801
Education Deptt.	:	475-3589
Jadavpur University Main Campus	:	473-4044/4495/4643/5799/2443/6194
Vice Chancellor	:	473-5508/R–557-8423
Registrar	:	473-5339/R–440-4057
Salt Lake Campus	:	334-5215/346-578
Controller of Examinations	:	473-0521/415-6974/9335 (R)
Rabindra Bharati University (B.T. RD.)	:	PBX-557-7161/1028/3028/4028 Fax : 556-8079
Jorasanko Campus	:	239-6601/5241/6610
Vice Chancellor	:	556-8019/239-1328/723-577/556-8079/8010/R–473-0581
Registrar	:	556-2543/557-6456/R-373-761
Development Officer	:	557-1028
Burdwan University	:	(0342) PBX-63913/914/917/2371-75
		Fax : (091) 342-64452
		Tel. : 2001203 **Buwbin** Tel. Code **Burdsity**
Golap Bag	:	(0342) 6092/62549
Vice Chancellor	:	(0342) Extn. 222/R–Extn. 223/62900/62319/Cal. 337-7317
Controller of Examinations	:	Extn. 233/R–235
Registrar	:	(0342) 65300/Extn. 211/R–212
Bidhan Chandra Krishi Viswavidyalaya		
(Mohanpur, Nadia)	:	82-8721/82-8407
Vice Chancellor	:	829772/R–828586
Registrar	:	828721
Controller of Examinations	:	828163/R–803905

Kalyani University	:	PBX–828477/8478/8275/8293 (Sc. Dept.)/ 8750 (Arts)/8275/2750
Vice Chancellor	:	828220
Registrar	:	828286
Controller of Examintions	:	829356
B.T./Education Deptt.	:	828348/
North Bengal University		
Vice Chancellor	:	(0353) 450255/R–450324 Fax : 450-546
Registrar	:	(0353) 450305/450383
Controller of Examinations	:	(0353) 450254/R–450283
(Salt Lake) Calcutta Office (Sravani Abasan)	:	337-1836
Development Officer	:	(0353) 450-636
Inspector of Colleges	:	(0353) 450-356
Vidyasagar University	:	Fax : (03222) 62329
Vice Chancellor	:	(03222) 61009/R-63202
Registrar	:	(03222) 62297
Controller of Examinations	:	(03222) 62441
Inspector of Colleges	:	(03222) 63201
Director, Distance Education	:	(03222) 64338
University of Animal and Fishery Sciences	:	556-5021/R–5500356
Registrar	:	240-1701
B. E. College (Deemed University)	:	668-4561-63/R-6682674 Fax : 668-4564
Netaji Subhas Open University		
Vice Chancellor	:	287-0518
Visva Bharati University		
Vice Chancellor	:	(03463) 52751/R–52481 Fax : 52672
Registrar	:	Extn. 9
Calcutta Office	:	247-9355/9868/9869
P. S. C.		
Chairman	:	76-2895
Secretary	:	76-6622
State Minority Commission	:	240-4271
Chairman		
Indira Gandhi National Open University		
(Regional Office) Bikash Bhaban, Salt Lake		
Director	:	334-9850/7576
University Grants Commission	:	358-0586
Eastern Regional Office,		
J. U. 2nd Campus, Salt Lake		
Haldia Institute of Technology	:	(03224) 52718
Urdu Academy	:	244-8450

APPENDIX—IV

PURASKAR

Rabindra Puraskar

YEAR	BENGALI LITERATURE	SCIENTIFIC LITERATURE IN BENGALI	OTHER LANGUAGE
1981	Binod Behari Mukopadhyay	—	Sushovan Sarkar
1982	Birendra Chattapadhyay	Anadi Nath Dawn	Krishna Kripalani
1983	Dinesh Das	Sankarsan Ray	—
1984	Nanda Gopal Sengupta Dilip Kr. Biswas	Amal Kr. Bandyopadhyay	Sushil Kr. Mukhopadhyay
1985	Sukhomoy Bhattacharya	Amiya Kr. Hati	Sudhi Pradhan
1986	Radharani Devi	Sachindra Nath Sahana	M. Krishnamurthi
1987	Ramendra Kr. Acharya Choudhury	Ramen Majumdar	Sisir Kumar Das
1988	Sanzida Khatun	Dhirendra Nath Gangopahdyay	Nisith Ranjan Roy
1989	Sankha Ghosh Ram Basu	Bhabani Prasad Sahoo	Tapan Roy Choudhury
1990	Kiran Sankar Sengupta	Arun Kr. Mitra	—
1991	Bhabotosh Dutta Mangla Charan Chattopadhyay	Dipankar Chattopadhyay	Sumanta Bandhopadhyay
1992	Amalesh Tripathi	Sailesh Dasgupta	Martin Kempchen
1993	Manindra Roy	Ratanlal Brahmachari	Prafulla Chakraborty
1994	Khudiram Das Ashok Mitra	Gouri Prosad Ghosh Jayanta Basu	Atul Sur
1995	Pratul Chandra Rakshit Sakti Chattopadhyay	Narayan Chandra Chandra	No Award
1996	Jyotirmoy Ghosh	Late Ajoy Home	Rabindra Kr. Dasgupta
1997	Kumar Prasad Mukhopadhyay	Rabin Bal	No Award
1998	Samarendra Sengupta	Subodh Majumdar	Sunil Sarkar

Bankim Puraskar

1982	Gour Kishore Ghosh	1990	Dibyendu Palit
1983	Sunil Gangopadhyay	1991	Kamal Kumar Majumdar, Tapobijoy Ghosh
1984	Sushil Jana	1992	Abhijit Sen
1985	Prafulla Roy	1993	Mani Shankar Mukherjee (Shankar)
1986	Amiya Bhusan Majumdar	1994	Syed Mustafa Siraj
1987	Amalendu Chakraborty	1995	Sandipan Chattopadhyay
1988	Golam Kuddus, Sachindra Nath Bandyopadhyay	1996	Nabarun Bhattacharya
1989	Nani Bhowmick	1997	Gunamay Manna

Vidyasagar Puraskar

YEAR	GADYA SAHITYA (PROSE)	SISHU SAHITYA (CHILDREN LITERATURE)
1981	Sukumar Sen	Sibram Chakraborty
1982	Narayan Choudhury	Satyajit Ray
1983	Pramathanath Bishi	Kshitindra Narayan Bhattacharya
1984	Khudiram Das	Premendra Mitra
1985	Chinmohan Sehanabis	Sirshendu Mukhopadhyay
1986	Subodh Ch. Sengupta	Dhirendra Lal Dhar
1987	Narahari Kabiraj	Dinesh Ch. Chottapadhyay
1988	Bimala Prasad Mukhopadhyay	Akhil Niyogi (Swapan Buro)
1989	Ashoka Mitra Hirendra Nath Dutta	Sisir Kr. Majumdar
1990	Hirendra Nath Mukhopadhyay	Smt. Nalini Das
1991	Rezaul Karim	Smt. Gouri Dharmapal
1992	Debiprasad Chattopadhyay	Smt. Gita Bandyopadhyay
1993	Smt. Dipti Tripathi Smt. Sukumari Bhattacharya	Haren Ghatak
1994	Asit Kr. Bandyopadhyay	Ajeya Roy
1995	Bhabotosh Dutta (Visva Bharati)	Sailen Ghosh (on whole life activity)
1996	Sankari Prasad Basu Kshetra Gupta	Late Purnendu Pattrea
1997	Nirod Ch. Chandhuri	

APPENDIX—V

ENROLMENT IN COLLEGES

UNIVERSITY OF BURDWAN

STUDENT ENROLMENT (INCLUDING HONS.)

(B. A/B. Sc./B. Com.)

NAME OF COLLEGE	1977-78			1994-95			SC/ST
	M	F	T	M	F	T	
Hooghly Mohsin College	1249	404	1653	325	495	820	174/29
Durgapur Govt. College	649	337	986	831	672	1503	118/14
Abhedananda Mahavidyalaya	690	123	813	712	171	883	19/19
Achhruram Memorial College	273	07	280	559	104	663	108/62
Aghorekamini Prakash Chandra Mahavidyalaya	781	69	850	917	275	1192	124/12
Asanol Girls' College	—	673	673	—	1288	1288	34/12
Balagarh B. K. Mahavidyalaya	—	—	—	340	159	499	98/1
Balarampur College	—	—	—	128	36	164	14/15
Bankura Christian College	1027	216	1243	867	344	1220	231/70
Bankura Sammilani College	2095	—	2095	28	592	620	174/99
Bankura Zilla Saradamini Mohila Mahavidyalaya	—	318	318	—	505	505	49/10
Banwarilal Bhalotia College	1139	231	1270	678	330	1008	56/3
Barjora College	—	—	—	277	175	452	39/0
B. N. Mahavidyalaya	1218	785	2003	—	—	1340	—
B. C. College	853	216	1069	1827	348	2175	125/18
Birbhum Mahavidyalaya, Suri	—	—	—	271	116	387	91/5
Bolpur College	1034	295	1329	1023	393	1416	195/8
Bur. Raj College	2114	91	2205	3502	419	3921	118/30
Chandernagore College	736	562	1298	574	504	1078	184/4
Chandidas Mahavidyalaya	113	20	133	492	77	569	60/0
Chandrapur College	—	—	—	301	40	341	12/8
Deshbandhu Mahavidyalaya	437	313	750	446	395	841	64/13
Dr. G. M. Roy College	—	—	—	128	77	205	9/17
Durgapur Women's College	—	—	—	—	1126	1126	10/4
G. P. Mahavidyalaya	—	—	—	283	113	396	65/3
Gushkara Mahavidyalaya	759	104	863	756	227	983	125/6
Hiralal Bhakat Degree College	—	—	—	160	—	160	26/0
Hooghly Women's College	—	790	790	—	530	530	146/0
J. K. College	977	31	1008	1055	177	1232	101/24
Jamini Roy College	—	—	—	227	88	315	13/2
Kabi Nazrul Islam College	—	—	—	190	77	267	15/1
Kabi Sukanta Mahavidyalaya	—	—	—	344	28	372	14/2

NAME OF COLLEGE	1977-78			1994-95			SC/ST
	M	F	T	M	F	T	
Kalna College	882	270	1152	1220	430	1650	125/2
Katwa College	1482	285	1767	1656	734	2390	252/0
Kazi Nazrul Islam Mahavidyalaya	—	—	—	546	36	582	41/2
Khalisani Mahavidyalaya	306	309	615	256	275	531	114/3
Khandra College	—	—	—	874	203	1077	47/8
Khatra Adibasi Mahavidyalaya	—	—	—	246	59	305	34/33
K. C. College	Not Available		—	448	200	648	28/2
Kulti College	—	—	—	165	154	319	1/1
M. U. C. Women's College	—	1343	1343	—	1636	1636	4/2
Manbhum Mahavidyalaya	—	—	—	220	36	256	17/32
Mahatma Gandhi College	—	—	—	557	79	636	53/33
Mankar College	—	—	—	206	136	342	25/5
Memari College	—	—	—	764	350	1114	74/8
Netaji Mahavidyalaya	1254	205	1459	1269	342	1611	224/16
Netaji Subhas Ashram Mahavidyalaya	—	—	—	115	5	120	6/12
Nistarini College	—	418	418	—	829	829	87/32
P. R. M. S. Mahavidyalaya	—	—	—	170	95	265	20/22
Panchmura Mahavidyalaya	244	12	256	746	55	801	85/34
Rabindra Mahavidyalaya	309	63	372	965	353	1318	147/6
Raghunathpur College	512	87	599	1081	250	1331	198/55
R. R. R. Mahavidyalaya Nangulpara	677	129	806	557	248	805	55/10
Ramananda College	1633	381	2014	1542	440	1982	60/9
Ramananda Centenary College	348	22	370	272	40	312	8/22
Rampurhat College	1372	243	1615	1817	558	2375	487/27
Raniganj Girls' College	—	—	—	—	653	652	55/6
Saldiha College	388	9	297	1046	74	120	112/22
Sambhunath College	281	57	338	1092	380	1472	193/7
Sarat Centenary College	—	—	—	308	228	536	156/33
Sonamukhi College	480	104	584	1219	235	1454	108/10
S. G. B. College, Bagati	991	399	1390	1454	675	2129	220/16
S. R. S. Mahavidyalaya	347	68	415	753	341	1094	119/14
Suri Vidyasagar College	1626	416	2042	1557	622	2179	153/60
Shyamsundar College	Not available			943	194	1137	80/16
Tarakeswar Degree College	—	—	—	141	180	321	39/2
T. D. B. College	1767	365	2132	1300	370	1670	N.A.
Vivekananda Mahavidyalaya (BDN)	876	218	1094	1205	316	1521	153/16
Vivekananda Mahavidyalaya	872	313	1185	1111	528	1639	151/13
Total	32,791	11,197	43,988	45,066	22,210	—	625/1106
	Total : 74,633						

KALYANI UNIVERSITY

Name of College	Gen.	SC.	ST.	Total
Chakdaha College	2163	372	10	2545
Haringhata Mahavidyalaya	256	89	06	351
Kanchrapara College	1033	201	01	1235
Simurali S. N. College	129	44	07	180
Total	3581	706	24	3111

UNIVERSITY OF NORTH BENGAL

Enrolment in College—1995-96

SL. NO.	NAME OF THE COLLEGE			BOYS			GIRLS			TOTAL
				GEN.	SC.	ST.	GEN.	SC.	ST.	
	Falakata College, Jalpaiguri	(B. A.)	Part-I	79	60	04	35	18	—	196
			Part-II	65	62	03	44	18	—	192
	Birpara College, Jalpaiguri	(B. Com.)	Part-I	129	28	15	27	02	02	203
		(B. A.)	Part-I	20	12	02	16	04	02	56
	Gour Mahavidyalaya, Malda		Part-I	581	156	21	150	39	04	951
			Part-II	15	4	—	16	03	—	38
	Malda Womens' College		Part-I	—	—	—	316	35	04	355
			Part-II	—	—	—	218	35	02	255
	Sonada Degree College, Darjeeling		Part-I	14	01	05	18	—	05	43
			Part-II	01	—	—	—	—	—	01
	Kalimpong College, Darjeeling	(B. A.)	Part-I	232	21	59	156	10	41	519
		(B. Sc.)	Part-II	54	35	19	27	02	07	145
		(B. Com.)	Part-I	57	04	10	08	01	09	89
		(B. Com.)	Part-II	08	—	05	10	01	03	26
	Netaji Subhas Mahavidyalaya, Coochbehar		Part-I	36	46	—	27	33	—	132
			Part-II	31	51	—	22	22	—	126
	Thakur Panchanan Mahila Mahavidyalaya, Coochbehar		Part-I	—	—	—	59	14	—	73
			Part-II	—	—	—	111	25	—	136

SL. NO.	NAME OF THE COLLEGE			BOYS			GIRLS			TOTAL
				GEN.	SC.	ST.	GEN.	SC.	ST.	
	Malda College	(B. A.)	Part-I	200	12	—	44	1	—	257
		(B. A.)	Part-II	123	6	—	49	02	—	181
		(B. Sc.)	Part-I	71	—	—	11	—	—	82
		(B. Sc.)	Part-II	46	—	—	6	—	—	52
		(B. Com.)	Part-I	26	—	—	—	—	—	26
		(B. Com.)	Part-II	20	02	—	—	—	—	22
	K. P. Tarai Mahavidyalaya, Darjeeling	(B. A.)	Part-I	91	27	13	69	18	02	220
		(B. Com.)	Part-I	75	15	11	7	—	—	104
		(B. Com.)	Part-II	28	08	12	08	—	02	58
	Dinhata College, Coochbehar	(B. A.)	Part-I	473	203	02	222	78	—	978
		(B. Sc.)	Part-I	41	16	—	7	—	—	64
		(B. Com.)	Part-I	42	11	—	6	—	—	59
		Voc. (Comp)		104	36	—	10	02	—	152
	Mathabhanga College Coochbehar	(B. A.)	Part-I	144	240	—	81	76	—	541
		(B. A.)	Part-II	52	123	41	37	—	—	253
		(B. Sc.)	Part-I	10	04	—	—	—	—	14
		(B. Com.)	Part-I	39	10	—	—	—	—	49
	Alipurduar College, Jalpaiguri	(B. A.)	Part-I	220	50	09	256	40	06	581
		(B. A.)	Part-II	95	—	—	84	—	—	189
		(B. Sc.)	Part-I	56	06	02	09	01	—	74
		(B. Sc.)	Part-II	22	—	—	07	—	—	29
		(B. Com.)	Part-I	41	04	01	—	—	—	46
		(B. Com.)	Part-II	06	—	—	03	—	—	09
	Sukanta Mahavidyalaya Jalpaiguri	(B. A.)	Part-I	164	266	07	107	48	—	602
		(B. A.)	Part-II	08	10	—	03	—	—	21
	A. C. C. Commerce Jalpaiguri	(B. Com.)	Part-I	549	62	03	45	—	02	662
		(B. Com.)	Part-II	24	01	—	05	—	—	30
	A. C. Trg. College, Jalpaiguri	(B. Ed.)	—	48	13	13	44	12	02	122
	Loreto College, Darjeeling	(B. A.)	Part-I	220	05	68	—	—	—	293
		(B. A.)	Part-II	51	—	11	—	—	—	62

APPENDIX—V

UNIVERSITY OF CALCUTTA

Enrolment in College—1995-96

SL. NO.	NAME OF THE COLLEGE			BOYS			GIRLS			TOTAL
				GEN.	SC.	ST.	GEN.	SC.	ST.	
	Azad Hind Fouz S. Mahavidyalaya, Howrah	(B. A.)	Part-I	136	34	01	94	05	—	240
	Barrackpore R. S. College (NPG)	(B. A.)	Part-I	50	11	02	129	22	—	214
		(B. A.)	Part-II	10	02	—	114	07	01	134
		(B. Sc.)	Part-I	40	10	—	11	—	—	52
		(B. Sc.)	Part-II	12	—	—	09	—	—	21
		(B. Com.)	Part-I	233	29	01	33	02	—	298
		(B. Com.)	Part-II	194	22	—	32	—	—	248
	Baruipur College, (NPG)	—	—	—	—	—	—	—	—	207
	Deshbandhu College for Girls, Calcutta	(B. A.)	Part-I	—	—	—	21	—	—	21
	Fakir Ch. College South 24-Parganas (SPG)	(B. A.)	Part-I	74	05	—	82	06	—	167
		(B. Sc.)	Part-I	63	04	—	15	01	—	83
		(B. Com.)	Part-I	78	03	—	09	—	—	90
		Voc.	—	36	01	—	07	—	—	44
	Gurudas College of Commerce, Calcutta	(B. Com.)	Part-I	167	08	—	—	—	—	175
	Jogesh Ch. Choudhury College, Calcutta	(B. Com.)	Part-I	23	—	—	34	—	—	62
		(B. Com.)	Part-II	25	—	—	14	—	—	39
		(B. Sc.)	Part-I	07	—	—	3	—	—	10
		(B. Sc.)	Part-II	07	—	—	03	—	—	10
	Maharaja Manindra Ch. College, Calcutta	(B. A.)	Part-I	40	04	—	81	05	—	130
		(B. A.)	Part-II	—	—	—	—	—	—	94
		(B. Sc.)	Part-I	129	08	—	35	01	—	173
		(B. Sc.)	Part-II	—	—	—	—	—	—	48
		(B. Com.)	Part-I	39	01	—	33	02	—	75
		(B. Com.)	Part-II	—	—	—	—	—	—	39
	Maralidhar Girls' College, Calcutta	(B. A.)	Part-I	—	—	—	420	49	2	471
		(B. A.)	Part-II	—	—	—	110	—	—	110
		(B. Sc.)	Part-I	—	—	—	47	06	—	53
		(B. Sc.)	Part-II	—	—	—	08	—	—	08
	Netajinagar Day College, Calcutta	(B. A.)	Part-I	82	25	—	155	15	—	277
		(B. Sc.)	Part-I	254	35	—	40	5	—	335
		(B. Sc.)	Part-II	11	03	—	05	—	—	19
		(B. Com.)	Part-I	217	34	—	40	2	—	293
		(B. Com.)	Part-II	67	10	—	28	03	—	108
	New Alipore College, Calcutta	(B. A.)	Part-I	47	02	—	40	04	—	93
		(B. Sc.)	Part-I	47	01	—	12	01	—	62
		(B. Com.)	Part-I	60	05	—	20	02	—	87
	Rani Birla Girls' College, Calcutta	(B. A.)	Part-I	—	—	—	186	—	—	186
	Vivekananda College for Women, Calcutta	(B. A.)	Part-I	—	—	—	—	—	—	2403
	Vijaygarh Jyotish Roy College, Calcutta	(B. A.)	Part-I	—	—	—	—	—	—	2231

SL. NO.	NAME OF THE COLLEGE		BOYS GEN.	BOYS SC.	BOYS ST.	GIRLS GEN.	GIRLS SC.	GIRLS ST.	TOTAL
	Kalinagar Mahavidyalaya (NPG)	(B. A.) Part-I	19	64	10	7	15	01	116
	Nahata J. N. Mondal Mahavidyalaya (NPG)	(B. A.) Part-I	88	168	05	61	63	01	386
		(B. Com.) Part-I	13	16	—	01	01	—	31
	Dr. Kanailal Bhattacharya College, Howrah	(B. A.) Part-I	123	41	01	106	14	—	285
		(B. Com.) Part-I	47	06	—	04	—	—	57
	Lalbaba College, Howrah	(B. A.) Part-I	27	05	01	44	09	03	89
		(B. A.) Part-II	04	—	—	31	04	01	40
		(B. Com.) Part-I	87	15	01	40	03	—	146
		(B. Com.) Part-II	29	09	—	16	01	01	56
	R. K. Mission Sikshan Mandir, Howrah	—	—	—	—	—	—	—	220
	R. K. Mission, Narendrapur, (NPG)	(B. A.) Part-I	24	5	—	—	—	—	29
		(B. A.) Part-II	14	06	—	—	—	—	20
		(B. Sc.) Part-I	113	09	—	—	—	—	122
		(B. Sc.) Part-II	97	02	—	—	—	—	99
	Loreto Girls' College, Calcutta	— —	—	—	—	764	10	3	767
	Women's Christian College, Calcutta	(B. A.) Part-I	—	—	—	80	—	1	81
		(B. A.) Part-II	—	—	—	65	—	1	66
		(B. Sc.) Part-I	—	—	—	45	—	—	45
		(B. Sc.) Part-II	—	—	—	34	—	—	34
	St. Paul's Cathedral Mission College, Calcutta	(B. A.) Part-I	27	21	—	24	02	—	65
		(B. A.) Part-II	—	—	—	—	—	—	56
		(B. Sc.) Part-I	100	05	—	12	—	—	117
		(B. Sc.) Part-II	—	—	—	—	—	—	31
	Prafulla Ch. College, Calcutta	(B. Com.) Part-I	294	43	01	—	—	—	338
		(B. Com.) Part-II	—	—	—	—	—	—	253
	Raja Rammohan Roy College, Calcutta	(B. A.) Part-I	498	60	—	—	40	—	598
		(B. Sc.) Part-I	400	—	—	—	—	—	400
		(B. Com.) Part-I	143	—	—	—	—	—	143
	Heramba Ch. College, Calcutta	(B. A.) Part-I	55	8	—	54	2	—	118
		(B. Com.) Part-I	572	69	1	270	10	—	922
	Bhowanipore Edn. Society, Calcutta	(B. Com.) Part-I	2158	NA	NA	740	NA	NA	2898
		(B. Com.) Part-II	437	NA	NA	271	NA	NA	708
		(B. A.) Part-I	129	—	—	127	—	—	256
		(B. A.) Part-II	—	—	—	28	—	—	28
		(B. Sc.) Part-I	246	—	—	64	—	—	310
		(B. Sc.) Part-II	33	—	—	12	—	—	45
	Umesh Ch. College, Calcutta	— —	—	70	10	—	34	2	2680
	Bethune College, Calcutta	(B. A.) Part-I	—	—	—	91	6	—	97
		(B. A.) Part-II	—	—	—	67	3	—	70
		(B. Sc.) Part-I	—	—	—	100	3	2	105
		(B. Sc.) Part-II	—	—	—	80	1	—	81
	Presidency College, Calcutta	(B. A.) Part-I	—	41	2	—	—	—	316
		(B. A.) (Part-II	—	—	—	—	—	—	140
		(B. Sc.) Part-I	—	—	—	—	—	—	297
		(B. Sc.) Part-II	—	—	—	—	—	—	128
	Lady Brabourne College, Calcutta	(B. A.) Part-I	—	—	—	316	19	1	336
		(B. A.) Part-II	—	—	—	140	10	2	152
		(B. Sc.) Part-I	—	—	—	172	23	—	195
		(B. Sc.) Part-II	—	—	—	128	07	—	135

VIDYASAGAR UNIVERSITY

		B			G			Total	Exam. result			%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared		Pass		M	W	SC	ST	Vacancy	Total
1. Bhatter College																		
B. A.	I Yr. (P)	50	9	5	16	4	2	= 86	Pt-I	185	144	77.6	21	2	—	—	Nil	23
B. A.	II Yr. (P)	44	9	3	11	3	1	= 71										
B. A.	I Yr. (H)	120	16	2	50	6	—	= 194	Pt-II	110	103	93.6						
B. A.	2nd Yr. (H)	211	19	4	51	6	3	= 294										
B. A.	3rd Yr. (H)	134	13	1	42	5	1	= 196										
B. Com.	1st Yr. (P)	2	0	0	0	0	0	= 2										
	2nd Yr. (P)	11	0	0	0	0	0	= 11	Pt-I	8	6	83%						
	1st Yr. (H)	5	0	0	0	0	0	= 5										
	2nd Yr. (H)	12	0	0	0	0	0	= 12	Pt-II	10	7	70%						
	3rd Yr. (H)	5	0	0	1	0	0	= 6										
		766	80	27	215	29	14	1131										
XI								168										
XII								86										
2. Bajkul Milani Mahavidyalaya (P)																		
B. A.	1st Yr.	107	18	00	47	01	0	173										
B. A.	2nd Yr. (P)	77	01	00	42	00	00	120	Pt-I	161	112		25	—	01	—	27	5
B. A.	1st Yr. (H)	19	02	00	15	01	00	037	Pt-II	18	12							
B. A.	2nd Yr. (H)	20	01	00	10	00	00	031										
B. A.	3rd Yr. (H)	11	00	00	07	00	00	018										
B. Sc.	1st Yr. (P)	79	01	00	12	02	00	092	Pt-I	56	25							
B. Sc.	2nd Yr. (P)	43	01	00	19	00	00	063	Pt-II	22	18							
B. Sc.	1st Yr. (H)	57	01	00	06	00	00	064										
B. Sc.	2nd Yr. (H)	34	02	00	05	01	00	042										
B. Sc.	3rd Yr. (H)	12	01	00	01	00	00	014										
								654										
3. Chandrakana Vidyasagar Mahavidyalaya																		
B. A.	1st Yr.	110	14	—	103	5	—	232	—	—	—	—	5	2	00	00	Nil	07
B. A.	Pt-I	128	15	1	95	1	1	241		N.A.	N.A.							
B.A.	Pt-II	38	2	—	21	—	—	61		N.A.	N.A.							

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
4. Kaibalyadayini College of Commerce																	
B. Com.	Pt-I (H)	45	10	6	13	1	00	75	58	52	90.0%	13	0	00	00	01	13
B. Com.	Pt-II (H)	46	4	2	8	1	00	61									
5. Mugberia G. Mahavidyalaya																	
B. A.	Pt-I	137	30	00	114	7	00	288	—	—	—	6	0	00	00	00	06
B. A.	Pt-I (H)	45	12	00	28	2	00	77									
B. Com.		33	3	00	116	7	00	159									
6. Midnapore College																	
B.A.	Ist Yr.	151	21	8	181	4	1	366									
B. A.	Part-I	114	13	4	161	7	4	303									
B. A.	Part-II	56	1	—	65	5	1	128	163	80		81	7	—	—	6	94
B. Sc.	1st Yr.	382	20	5	97	4	—	508									
B. Sc.	Pt-I	155	10	1	65	2	1	234									
B. Sc.	Pt-II	164	—	—	85	—	—	249	225	—							
7. Moyna College																	
B. A. (P)		66	26	01	26	5	00	124	149	69	46.30%						
B. Com. (P)		3	—	—	—	—	—	3									
B. A.	Pt-I (H)	72	12	00	18	8	—	110	70	63	90%	12	00	00	00	02	12
8. Raja N. L. Khan Women's College																	
B. A.	1st Yr.	—	—	—	373	—	—	373									
B. A.	Pt-I	—	—	—	411	—	—	411	253	217	92.34%						
B. Sc.	1st Yr.	—	—	—	208	—	—	208									
B. Sc.	Pt-I	—	—	—	157	—	—	157	81	49	61%	5	43	01	00	11	49
B. A.	Pt-II	—	—	—	171	—	—	171									
B. Sc.	Pt-II	—	—	—	60	—	—	60	43	39	91%						
9. Sabang S. Mahavidyalaya																	
B. A.	1st Yr.	240	24	30	175	12	—	481	—	—							
B. A.	Pt-I	116	14	28	48	2	—	208	86	58							
B. A.	Pt-II	31	2	2	16	—	—	51	23	15							

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
B. Sc.	1st Yr.	94	8	3	20	1	—	126	—	—							
B. Sc.	Pt–I	62	5	5	8	—	—	80	16	3		27	1	—	—	—	28
B. Sc.	Pt–II	3	—	—	—	—	—	3	—	—							
B. Com.	1st Yr.	77	3	1	7	2	—	90	—	—							
B. Com.	Pt–I	58	2	1	3	—	—	64	72	30							
B. Com.	Pt–II	20	1	2	3	—	—	26	39	25							
10. Subarnarekha Mahavidyalaya																	
B. A.	Pt–I (P)	167	26	43	55	4	—	299	155	101	67.75%						
B. Sc.	Pt–I	56	11	8	7	1	—	83	130	103	80.35%						
B. Com.	Pt–I	52	6	5	5	—	—	68	44	19	41.45%						
B. Com.	Pt–I (H)	13	1	2	7	3	—	26									
B. Com.	Pt–I (H)	27	3	1	2	—	—	33	32	18	55.70%						
B. Com.	Pt–II	23	3	3	—	—	—	228	19	13	64.70%						
11. Narajole Raj College																	
B. A.	1st Yr.	96	11	1	41	7	—	146				13	4	1	—	—	18
B. A.	Pt–I	75	14	1	24	1	—	115	116	79							
B. A.	Pt–II	31	2	—	2	—	—	35	79	63							
B. Sc.	1st. Yr.	16	1	—	1	—	—	18									
B. Sc.	Pt–I	30	1	—	1	—	—	32	12	3							
12. Vivekananda Satavarxhiki Mahavidyalaya																	
B. A. 1st. Yr.		107	6	20	28	2	1	164	N.A.	N.A.							
B. A.	Pt–I	35	2	3	10	—	1	51	N.A.	N.A.		13	4	—	—	—	17
B. A.	Pt–II	41	5	1	11	—	—	58	N.A.	N.A.							
B. Sc.	1st Yr.	12	—	—	—	—	—	12	N.A.	N.A.							
13. Yogada S. Palpara College																	
B. A.	1st Yr.	210	29	1	81	5	—	326	—	—	—						
B. A.	Pt–I	200	45	—	81	13	—	339	467	29		—	—	—	—	—	29
B. A.	Pt–II	59	5	—	26	2	—	92	160	—	—						
B. Sc.	Pt–I	35	4	—	1	—	—	40	—	—	—						
B. Sc.	Pt–II	—	—	—	—	—	—	—	—								

CALCUTTA UNIVERSITY

	B			G			Total	Exam. result		%	No. of Teachers					
	G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
City College of Commerce & Business Administration																
B. Com. (H)	704	7	—	—	—	—	711	619	191	30.80%	11	2	—	—	1	14
B. Com. (P)	685	8	—	—	—	—	693	780	445	57%						
B. Com. Pt–II (H)	340	5	—	—	—	—	345	427	217	50.8% 1995-96						
Goenka College of Commerce & Business Administration																
B. Com. 1st Yr.	277	61	5	106	19	2	470				32	4	2	—	3	41
B. Com. 2nd Yr.	290	32	—	103	12	1	438									
B. Com. 3rd Yr.	167	23	—	58	5	1	254									
East Calcutta Girls' College, Lake Town																
B. A. 1st Yr.	—	—	—	—	130	17	147	170	96	56.4%	31	—	—	—	23	54
B. A. 2nd Yr.		Nil		—	199	4	203			56%						
B. Sc. 1st Yr.	—	—	—	—			45									
B. Sc. 2nd Yr.	—	—	—	—	29	4	33			75%						
B. Com. 1st Yr.	—	—	—	—	21	1	22									
B. Com. 2nd Yr.	—	—	—	—	16	1	17									
Chittaranjan College																
B. Com. 1st Yr. (P)	512	42	01	85	04	—	597	653	358	4% ('95–'96)	9	4	1	1	—	15
B. Com. 2nd Yr. (P)	521	21	03	81	02	—	602									
B. Com. 1st. Yr. (H)	84	18	—	49	03	—	133									
B. Com. 2nd Yr. (H)	103	14	—	76	—	—	179									
B. Com. 3rd Yr. (H)	69	12	—	32	—	—	101									
Rani Birla Girls' College																
B. A. 1st Yr.	—	—	—	201	—	—	201		N.A.		—	31	—	—	Nil	31
B. A. 2nd Yr.	—	—	—	112	—	—	112									

	B			G			Total	Exam. result		%	No. of Teachers					
	G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Savitri Girls' College																
B. A. 1st Yr.	—	—	—	123	—	—	123									
B. Com. 1st Yr.	—	—	—	160	—	—	160	176	98	55.6%	1	22			1	24
B. A. 3rd Yr.	—	—	—	48	—	—	48									
Calcutta Girls' B.T. College																
							189 '96–'97					5			5	10
Deshbandhu College for Girls																
B. A. Pt–I	—	—	—	21	—	—	21	21	21	100% '95–'96	2	17	—	—	Nil	17
B. A. Pt–II	—	—	—	29	—	—	29	29	28	99%						
Shrimati Jawahari Devi Birla Institute of Home Science (Girls)																
B. Sc. 1st Yr. (H)	—	—	—	153	—	—	153	—	—							
B. Sc. 2nd Yr. (H)	—	—	—	110	—	—	110	—	—							
B. Sc. Final	—	—	—	106	1	—	107	89	89	100%	—	18	—	—	Nil	18
B. Ed. (H)	—	—	—	12	—	—	12	15	15							
Institute of English, Calcutta																
DELT Course :	31	—	—	20	—	—	51	—	—	—	1	5	—	—	Nil	6
GPTE Course :	10	—	—	3	—	—	13									
Ananda Mohan College																
B. A. (P)	120	—	—	—	—	—	120	31	—	—	54	11	—	—	6	71
B. A. (H)	42	—	—	—	—	—	42	28	—							
B. Sc. (P)	384	5	—	2	—	—	391	124	—							
B. Sc. (H)	62	—	—	7	—	—	69	5	—							
B. Com. (P)	318	15	—	—	—	—	333	76	—							
B. Com. (H)	276	12	—	2	—	—	290	122	—							
B. A. Pt–II	25	—	—	—	—	—	25	19	—							
B. Sc. Pt–II	07	—	—	—	—	—	07	05	—							
B. Com. Pt–II	104	—	—	—	—	—	104	152	—							

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Maharaja Srish Chandra College																	
B. A.	Pt–1	19	—	—	2	—	—	21	60	N.A.	—	17	08	—	—	—	25
B. Sc.	Pt–1	16	—	—	4	—	—	20	N.A.	N.A.	—						
B. Com.	Pt–I	181	2	1	20	1	—	205	191	N.A.	—						
Gurudas College of Commerce																	
B. A.	Pt–I	—	—	N.A.	—	—	N.A.	—									
B. Sc.	Pt–I	—	—	—	—	—	—	—									
B. Com.	2nd Yr. (P)	167	8	—	—	—	—	175	139	55	40% (1995)	6	02	—	—	—	08
Jogesh Chandra Chaudhuri College																	
B. A.	Pt–I	—	—	—	—	—	—	—									
B. Sc.	Pt–I	7	—	—	03	—	—	10									
B. Com.	Pt–I	23	02	—	34	03	—	62	121	89	73%	29	07	—	—	—	36
B. Com.	Pt–II	25	—	—	14	—	—	39									
B. Sc.	Pt–II	07	—	—	03	—	—	10									
Maharaja Manindra Chandra College																	
B. A.	Pt–I (H)	40	4	—	81	5	—	130									
B. Sc.	Pt–I (H)	129	8	—	35	1	—	173	298	156	52%	45	15	—	—	—	60
B. Com.	Pt–I (H)	39	1	—	33	2	—	75									
B. A.	Pt–II	N.A.	—	—	N.A.	—	—	94									
B. Sc.	Pt–II	—	—	—	—	—	—	48	160	123	77%						
B. Com.	Pt–II	—	—	—	—	—	—	39									
Muralidhar Girls' College																	
B. A.	1st Yr. (P)	—	—	—	172	22	—	194									
B. Sc.	1st Yr. (P)	—	—	—	09	03	—	12									
B. A.	2nd Yr. (P)	—	—	—	248	27	2	277									
B. Sc.	2nd Yr. (P)	—	—	—	38	03	—	41									
B. A.	1st Yr. (H)	—	—	—	127	06	—	133	363	303	83%	2	44	1	—	—	47
B. Sc.	1st Yr. (H)	—	—	—	08	—	—	08									
B. A.	2nd Yr. (H)	—	—	—	159	10	—	169									
B. Sc.	2nd Yr. (H)	—	—	—	11	—	—	11									

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Muralidhar Girls' College *(Contd.)*																	
B. A.	3rd Yr. (H)	—	—	—	110	—	—	110									
									136	116	84%						
B. Sc.	3rd Yr.	—	—	—	08	—	—	08									
Netaji Nagar Day College																	
B. A.	2nd Yr. (P)	30	15	—	73	03	—	121	126	83							
B. Com.	2nd Yr. (P)	92	15	—	16	02	—	125	65	17							
B. Sc.	2nd Yr. (P)	103	17	—	16	01	—	137	65	62							
									105	43							
									359	205							
B. A.	Pt–I (H)	29	07	—	74	10	—	120									
B. A.	Pt–II	—	—	—	—	—	—	120									
B. Sc.	Pt–I	45	07	01	21	—	—	74	488	314	64%	24	10	1	—	—	35
B. Sc.	Pt–II	11	03	—	05	—	—	19	(Pt–I &								
B. Com.	Pt–I	89	14	—	43	02	—	148	Pt–II)								
B. Com.	Pt–II	67	10	—	28	03	—	108	1995								
New Alipore College																	
B. A.	Pt–I	40	02	—	40	04	—	86	320	194	60%	40	11	—	—	—	51
B. Sc.	Pt–I	40	01	—	12	01	—	55	(Pt–I &								
B. Com.	Pt–I	60	05	—	20	02	—	87	Pt–II)								
Vivekananda College for Women, Barisha																	
B. A.	Pt–I	—	—	—	—	—	—	2403 '94–'95	—	—	96.5%	N.A. '94					
B. A.	Pt–II (H)	—	—	—	—	—	—	—	—	—	94%						

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Gokhale Memorial Girls' College (1997-98)																	
B. A.	1st Yr.	—	—	—	71	2	—	73	73	N.A.	N.A.						
B. A.	Part–I	—	—	—	68	1	1	70	70	N.A.	N.A.						
B. A.	Part–II	—	—	—	45	1	—	46	46	N.A.	N.A.	—	48	—	—	N.A.	48
B. Sc.	1st Yr.	—	—	—	69	2	—	71	71	N.A.	N.A.						
B. Sc.	Part–I	—	—	—	64	1	—	65	65	N.A.	N.A.						
B. Sc.	Part–II	—	—	—	57	—	—	57	57	N.A.	N.A.						
Bidhannagar College																	
B. A.	1st Yr.	13	1	—	86	5	—	105	—	—							
B. A.	Pt–I	11	2	—	90	1	—	104	107	101							
B. A.	Pt–II	11	2	—	90	1	—	104	79	65		13	1	—	—	—	—
B. Sc.	1st Yr.	104	6	—	39	1	1	151	—	—							
B. Sc.	Part–I	84	4	—	17	2	—	107	87	72							
B. Sc.	Part–II	85	1	—	46	2	—	134	96	57							
South Calcutta Girls' College																	
B. A.	1st Yr.	—	—	—	156	15	—	171	—	—							
B. A.	Pt–I	—	—	—	232	25	—	257	49	47		1	33	—	—	—	34
B. A.	Pt–II	—	—	—	51	3	—	54	54	51							
Surendranath Evening College																	
B. A.	1st Yr.	134	29	—	18	—	—	181	—	—							
B. A.	Pt–I	9	5	—	3	—	—	17	8	6		25	4	—	—	4	33
B. Sc.	1st Yr.	95	2	—	4	—	—	101	—	—							
B. Com.	1st Yr.	208	10	—	9	—	—	227	—	—							
B. Com.	Pt–I	198	14	—	4	—	—	216	215	186							
B. Com.	Pt–II	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	128	71							

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Dr. B. R. Ambedkar College																	
B. A.	1st Yr.	160	130	03	92	68	02	456	—	—	—	11	—	05	—	14	16
B. Com.	1st Yr. & 2nd Yr.	259	64	07	22	02	02	355	129	95	74% '95-'95						
Shimurali Sachinandan College of Education (KU)																	
B. T. Course :		78	24	07	52	17	01	180	162	158	97%	02	01	—	—	05	08
Krishnagar Women's College																	
B. A. (P)		—	—	—	—	—	—	—									
B. Sc. (P)		—	—	—	—	—	—	—									
B. A.	Pt–1	—	—	—	—	—	—	—	422	312	74%	04	24	01	—	09	38
B. Sc.	Pt–1	—	—	—	—	—	N. A.	—									
B. A.	Pt–II	—	—	—	—	—	—	—									
B. Sc.	Pt–II	—	—	—	—	—	—	—									
Sudhiranjan Lahiri Mahavidyalaya																	
B. A.	1st Yr.	194	83	—	69	11	—	357									
B. A.	2nd Yr.	176	25	—	60	23	—	284									
B. A.	3rd Yr.	54	34	—	23	12	—	123	N.A.	366	17	01	—	—	—	05	23
B. Com.	1st Yr.	25	03	—	—	—	—	28									
B. Com.	2nd Yr.	27	04	—	—	—	—	31									
B. Com.	3rd Yr.	11	01	—	01	—	—	13									
Krishnagar Govt. College																	
B. A.	1st Yr. (H)	138	94	05	116	12	—	311									
B. A.	Pt–I (H)	30	05	—	79	07	—	121	N.A.	—	—	75	07	01	—	20	103
B. A. (P)		45	10	02	30	08	—	95									

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Krishnagar Govt. College *(Contd.)*																	
B. A. (H)	Pt–II	20	08	—	62	03	—	93									
B. Sc.	1st Yr.	152	15	—	32	04	01	204									
B. Sc.	Pt–I (H)	75	03	—	31	02	—	111									
B. Sc.	Pt–II (H)	22	04	—	05	—	—	31									
B. Sc. (P)		27	06	01	09	—	—	43									
Dwijendralal College																	
B. Com.	1st Yr.	202	42	—	21	—	—	265									
B. Com.	2nd Yr.	211	37	—	22	—	—	270	N.A.	—		09	—	—	—	01	10
B. Com.	3rd Yr. (Pt–II)	60	11	—	03	01	—	75									
Bethuadahari College																	
B. A.	1st Yr.	85	71	3	53	37	—	249	—	—	—	8	2	1	—	—	11
B. A.	Pt–II	7	3	—	6	1	—	17	—	—	—						
B. Com.	1st Yr.	41	16	1	3	—	—	61	—	—	—						
B. Com.	Pt–II	13	1	—	—	2	—	16	—	—	—						
Chakdaha College																	
B. A.	1st Yr.	115	40	5	175	74	6	415	—	—	—						
B. A.	Pt–I	111	24	2	273	60	8	478	298	233							
B. A.	Pt–II	35	2	—	116	11	3	167	141	132							
B. Sc.	1st Yr.	68	12	1	12	2	—	95	—	—	—	20	2	—	—	—	—
B. Sc.	Pt–I	70	9	2	17	3	—	101	92	44							
B. Sc.	Pt–II	10	—	—	3	—	—	13	N.A.	N.A.	—						
B. Com.	1st Yr.	134	26	2	31	7	—	200	—	—	—						
B. Com.	Pt–I	167	23	5	44	5	1	245	296	236							
B. Com.	Pt–II	30	2	—	10	2	—	44	50	45							

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Sripat Singh College *(Contd.)*																	
B. Sc.	Pt–I	99	04	—	09	01	—	112									
B. A.	Pt–II	46	10	7	37	—	—	100									
B. Sc.	Pt–II	07	10	—	01	01	—	19									
Muzaffar Ahmed Mahavidyalaya																	
B. A.	1st Yr.	126	14	—	48	—	—	174	N.A.	—	—	06	—	—	—	—	06
B. A.	Pt–I	211	14	—	94	04	—	305									
Rani Dhanya Kumari College																	
B. A.	1st Yr.	60	—	—	29	—	—	79									
B. A.	Pt–I	33	—	—	05	—	—	38									
B. Com.	1st Yr.	113	13	—	14	02	—	142	N.A.	—	—	08	—	—	—	—	08
B. Com.	Pt–I	99	—	—	08	—	—	107									
B. A.	Pt–II	—	—	—	—	—	—	—									
B. Com.	Pt–II	65	07	—	03	—	—	75									
Panchthupi Haripada-Gouribala College																	
B. A.	1st Yr.	62	08	03 (O.B.C.)	47	05	01 (O.B.C.)	126	N.A.	—	—	—	—	—	—	N.A.	N.A.
Union Christian Training College Berhampore																	
B. Ed.		—	—	—	—	—	—	377 '90-'91	N.A.	—	—	—	—	—	—	—	30
		—	—	—	—	—	—	343 '89-'90	N.A.	—	—	—	—	—	—	—	19
		—	—	—	—	—	—	347 '88-'89	N.A.	—	—	—	—	—	—	—	24
Vijaygarh Jyotish Ray College																	
		—	—	—	—	—	—	2231 '94-'96	—	—	—	—	—	—	—	—	—

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Panihati Mahavidyalaya																	
B. A.	1st Yr.	72	—	—	151	—	—	223	143	109	76%	09	06	—	—	07	22
B. A.	2nd Yr.	88	—	—	174	—	—	262									
B. Com.	1st Yr.	17	—	—	95	—	—	112	80	46	57%						
B. Com.	2nd Yr.	118	—	—	10	—	—	128									
Nahata Jogendranath Mondal Smriti Mahavidyalaya																	
B. A.	1st Yr.	59	115	04	31	39	—	248									
B. A.	Pt–I	09	10	—	01	05	—	25	199	134	67%	06	03	—	—	Nil	09
B. Com.	1st Yr.	12	09	01	—	—	—	22									
Kanchrapara College																	
B. A.	1st Yr.	74	40	03	193	19	—	329									
B. A.	2nd Yr.	43	10	01	235	33	—	322									
B. Sc.	1st Yr.	52	05	—	07	01	—	65									
B. Sc.	2nd Yr.	21	01	03	07	—	—	32	548	374	68%	26	09	—	—	—	35
B. Com.	1st Yr.	240	44	—	—	—	—	288			1995						
B. Com.	2nd Yr.	252	44	—	—	—	—	296									
B. Com.	3rd Yr.	81	06	—	—	—	—	87									
B. A.	3rd Yr.	11	03	—	58	—	—	72									
Ramkrishna Sarada Mission Vivekananda Vidyabhaban																	
B. A.	1st Yr.	—	—	—	106	11	—	117									
B. A.	Pt–I & B. A. (P)	—	—	—	100	08	—	108	143	143	100%	—	15	—	—	03	18
B. A.	Pt–I	—	—	—	55	03	—	58									
Gandhi Centenary B. T. College																	
B. Ed. Course :		71	34	04	63	14	02	188	N.A.	—	—	07	02	01	—	02	12
Sonarpur Mahavidyalaya																	
B. A.	1st Yr.	53	65	11	45	37	3	214	—	—	—						
B. A.	Pt–I	15	42	—	54	49	1	161	176	135		7	1	—	—	—	8
B. A.	Pt–II	4	4	—	6	—	—	14	—	—	—						
B. Com.	1st Yr.	9	4	—	3	—	—	16	—	—	—						
B. Com.	Pt–I	11	5	—	—	—	—	16	18	12							

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Morning Star College																	
B. A.	1st Yr. (P)	07	04	19	—	—	—	30	N.A.			—	—	—	—	—	N.A.
B. A.	2nd Yr. (P)	—	—	—	—	—	—	—	37	36	97%	07	01	—	01	—	09
Kalinagar Mahavidyalaya																	
B. A.	1st Yr.	13	65	13	05	15	—	111	80	57	71%	04	02	01	—	04	11
B. A.	Pt–I																
Acharya Prafulla Ch. College of Commerce																	
B. Com.	1st Yr. &	30	16	—	03	—	—	49	49	04	07%	02	—	—	—	17	19
B. Com.	Pt–1																
Basirhat College																	
B. A.	1st Yr.	—	—	—	—	—	—	1510									
B. A.	2nd Yr.	—	—	—	—	—	—	1670									
B. Com.	1st Yr.	—	—	—	—	—	—	205									
B. Com.	2nd Yr.	—	—	—	—	—	—	205	811	520	64%	52	—	—	—	—	52
B. A.	3rd Yr.	—	—	—	—	—	—	405									
B. Com.	3rd Yr.	—	—	—	—	—	—	105									
B. Sc.	3rd Yr.	—	—	—	—	—	—	36 (1995-96)									
Barrackpore R. Surendranath College																	
B. A.	Pt–I	50	11	02	129	22	—	214									
B. Sc.	Pt–I	40	01	—	11	—	—	52	599	466	77%						
B. Com.	Pt–I	233	29	01	33	02	—	298				37	08	—	—	—	45
B. A.	Pt–II	10	02	—	114	07	01	134									
B. Sc.	Pt–II	12	—	—	09	—	—	21	314	225	71%						
B. Com.	Pt–II	194	22	—	32	—	—	248 (1995-96)									

	B			G			Total	Exam. result		%	No. of Teachers					
	G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Institute of Phy. Edcn. for Women (Alipore)																
B. P. Ed. Course :	—	—	—	44	11	—	55	62	62	100%	—	07	—	—	N.A.	—
P. G. Training College for Phy. Edu. (Banipur)																
B. P. Ed. Course :	30	24	04	15	05	—	78	78	75	96%	09	02	02	—	—	13
Dhruba Chand Halder College																
B. A. (P & H)	997	514	02	485	170	—	2168	—	—	—						
B. Sc. (P & H)	72	25	—	11	04	—	112	—	N.A.	—	26	05	12	—	—	43
B. Com. (P & H)	426	162	—	38	08	—	534	—	—	—						
Baruipur College																
B. A. (P)	—	—	—	—	—	—	307 '94-'95	—	—	58%	—	—	—	—	—	—
B. Com. (P)	—	—	—	—	—	—	—	—	—	40% 1994	—	—	—	—	—	—
Ramkrishna Mission Residential College, Narendrapur																
B. A. Pt-I	24	05	—	—	—	—	29									
B. Sc. Pt-I	113	09	—	—	—	—	122				42	—	02	—	07	51
B. A. Pt-II	14	06	—	—	—	—	20									
B. Sc. Pt-II	97	02	—	—	—	—	99									
Vivekananda College (Thakurpukur)																
B. A. Pt-I	140	38	01	174	42	—	395									
B. Sc. (Pt-I)	273	49	—	185	33	—	540									
B. Com. Pt-I	177	45	—	120	29	—	371	—	—	—	62	24	01	—	—	87
B. A. Pt-II	28	05	—	61	14	—	108									
B. Sc. Pt-II	25	02	—	31	06	—	64									
B. Com. Pt-II	39	06	—	25	04	—	74									

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Saheed Anurup Chandra Mahavidyalaya																	
B. A.	1st Yr. (P)	39	19	—	18	02	—	78									
B. A.	1st Yr. (H)	05	03	—	09	03	—	20	—	—	—	04	02	—	—	02	08
B. Com.	1st Yr.	19	06	—	—	—	—	25									
Magrahat College																	
B. A.	1st Yr.	21	13	—	02	—	—	36	—	—	—	—	—	—	—	—	—
Sundarban Hazi Desarat College																	
B. A.	1st Yr. (H)	07	13	—	02	02	—	24									
B. A.	1st Yr. (P)	28	32	02	11	20	—	93									
B. A.	2nd Yr.	25	56	07	17	15	—	120									
B. Sc.	1st Yr.	04	04	02	01	—	—	11									
B. Sc.	2nd Yr.	03	10	01	—	—	—	14									
B. Com.	1st Yr. (H)	03	04	—	01	—	—	08	—	—	—	21	01	07	—	06	35
B. Com.	1st Yr. (P)	—	—	—	—	—	—	—									
B. Com.	2nd Yr. (H)	07	09	—	—	—	—	16									
B. Com.	2nd Yr. (P)	—	01	—	—	—	—	01									
B. Com.	3rd Yr.	01	—	—	—	—	—	01									
Fakir Chand College																	
B. A.	Pt–I	961	168	—	167	109	—	1905									
B. Sc.	Pt–I	275	19	—	71	06	—	362	401	293	73%						
B. Com.	Pt–I	376	46	01	16	04	—	443	(Pt–I)								
B. A.	Pt–II	152	14	—	155	08	—	329				42	09	02	—	06	59
B. Sc.	Pt–II	56	—	—	10	—	—	66	1594	1123	70%						
B. Com.	Pt–II	107	19	—	03	—	—	129	(Pt–II)								
B. Ed.		202	54	—	49	15	—	320									

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Azad Hind Fouz Smriti Mahavidyalaya																	
									216	152	70%	01	04	—	—	—	05
Dr. Kanailal Bhattacharya College																	
									89	70	62%	05	02	—	—	—	07
Lalbaba College																	
									300	157	52%	18	12	—	—	—	30
Joypur P. Roy College																	
B. A.	1st Yr. (P)	38	05	—	45	03	—	91	—	—	—						
B. A.	2nd Yr. (P)	32	06	—	51	03	—	92	—	N.A.	—	04	04	—	—	03	11
B. Com.	1st Yr. (P)	16	01	—	05	—	—	22	—	—	—						
B. com.	2nd Yr. (P)	09	01	—	01	—	—	11									
Prabhu Jagatbandu College																	
B. A.	1st Yr.	70	10	—	177	05	—	262									
B. A.	2nd Yr.	60	10	—	137	05	—	212									
B. A.	3rd Yr.	12	02	—	48	04	—	66									
B. Com.	1st Yr.	120	06	—	26	—	—	152									
B. Com.	2nd Yr.	205	06	—	18	—	—	229	825	427	52%	26	03	—	—	09	38
B. Com.	3rd Yr.	57	02	—	16	—	—	75									
B. Sc.	1st Yr.	68	04	—	04	—	—	76									
B. Sc.	2nd Yr.	42	04	—	03	—	—	49									
B. Sc.	3rd Yr.	02	—	—	—	—	—	02									

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Ramsaday College																	
B. A.	1st Yr. (P)	95	—	—	123	—	—	218									
B. A.	1st Yr. (H)	30	33	—	32	—	—	95									
B. A.	2nd Yr. (P)	124	—	—	112	—	—	236									
B. A.	2nd Yr. (H)	62	45	—	37	—	—	144									
B. A.	3rd Yr. (H)	49	06	—	48	—	—	103									
B. Com.	1st Yr. (P)	25	04	—	25	—	—	54									
B. Com.	1st Yr. (H)	39	—	—	39	—	—	78									
B. Com.	2nd Yr. (P)	25	—	—	04	04	—	33	471	315	67%	27	03	—	—	—	30
B. Com.	2nd Yr. (H)	48	—	—	48	—	—	96									
B. Com.	3rd Yr. (H)	32	04	—	36	04	—	76									
B. Sc.	1st Yr. (H)	22	—	—	22	03	—	47									
B. Sc.	1st Yr. (P)	34	—	—	05	—	—	39									
B. Sc.	2nd Yr. (P)	46	05	—	05	—	—	56									
B. Sc.	2nd Yr. (H)	17	—	—	03	—	—	20									
B. Sc.	3rd Yr. (H)	07	01	—	05	—	—	13									
Ramkrishna Mission Vidyamandir (1997-98)																	
B. A.	1st Yr.	20	1	—	—	—	—	21	—	—	—						
B. A.	Pt-I	28	1	—	—	—	—	29	26	26	100%						
B. A.	Pt-II	24	2	—	—	—	—	26	18	16	89%	46	—	—	—	1	
B. Sc.	1st Yr.	71	5	—	—	—	—	76	—	—	—						
B. Sc.	Pt-I	68	4	—	—	—	—	72	74	73	98%						
B. Sc.	Pt-II	70	—	—	—	—	—	70	58	56	96%						

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Narasinha Dutta College																	
B. A.	1st Yr.	412	21	—	666	28	2	1129									
B. A.	Pt–I	128	8	—	399	17	—	552	513	395							
B. A.	Pt–II	84	—	—	219	6	—	309	304	242		91	21	—	—	N.A.	112
B. Sc.	1st Yr.	543	27	—	316	25	—	911									
B. Sc.	Pt–I	185	9	—	71	2	—	267	239	174							
B. Sc.	Pt–II	104	—	—	36	—	—	140	140	107							
B. Com.	1st Yr.	692	45	—	24	—	—	761									
B. Com.	Pt–I	173	12	—	—	—	—	185	177	149							
B. Com.	Pt–II	113	4	—	—	—	—	117	117	95							
Dukhlal Nibaran Chandra College																	
B. A.	1st Yr.	255	10	—	51	4	—	320	—	—	—						
B. A.	Pt–II	9	—	—	8	—	—	17	17	15		20	—	—	—	2	22
B. Sc.	1st Yr.	10	2	—	—	—	—	12	—	—	—						
B. Sc.	Pt–II	11	—	—	—	—	—	11	N.A.	N.A.	—						
B. Com.	1st Yr.	105	12	—	3	—	—	120	—	—	—						
B. Com.	Pt–I	29	2	—	1	—	—	32	N.A.	N.A.	—						

NORTH BENGAL UNIVERSITY

Balurghat College									—	—	—	58	04	—	—	—	62
Falakata College									132	67	51%	08	—	02	—	—	10
Birpara College									56	29	52%	06	01	—	—	—	07

	B			G			Total	Exam. result		%	No. of Teachers					
	G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Gour Mahavidyalaya																
B. A. Pt–I	581	156	21	150	39	04	951	372	127	38%	03	02	—	—	—	05
Malda Women's College																
B. A. Pt–I								322	256	79%						
B. A. Pt–II								69	61	89%						
Sonada Degree College								17	10	65%	03	—	01	01	—	05
Kalimpong College								327	51	15%	28	04	—	03	—	35
Netaji Subhas Mahavidyalaya								63	26	41%	03	02	01	—	—	06
Thakur Panchanan Mahila Mahavidyalaya								28	13	47%	01	05	—	—	—	06
Malda College								320 (Pt–I)	183	57%	50	05	02	—	—	57
Kalipada Ghosh Tarai Mahavidyalaya								27	16	59%	03	01	01	01	—	06
Dinhata College								940	462	49%	35 (Pt–I)	02	01	—	—	38
Mathabhanga College								537	243	45%	11	03	01	—	—	15
Shree Agrasen Mahavidyalaya																
B. A. 1st yr.	04	06	—	02	01	—	13									
B. A. 2nd Yr.	03	04	—	02	—	—	09	—	—	—	01	01	—	—	05	07
Raiganj Surendranath Mahavidyalaya																
B. A. 1st Yr. (P)	53	48	06	40	11	02	160									
B. A. 2nd Yr. (P)	29	37	—	20	8	—	94	85	56	66%	03	03	—	—	—	06
B. A. Pt–I (H)	—	—	—	—	—	—	30									

	B			G			Total	Exam. result		%	No. of Teachers					
	G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Siliguri B. Ed. College																
B. Ed.	70	29	05	43	05	04	156	156	147	94%	04	05	—	—	05	14
St. Joseph's College																
B. A., Pt–I & II B. Sc., B. Com.	313	24	85	263	11	82	778	—	—	—	34	11	—	01	03	49
Kaliachak College																
B. A. 1st Yr.	58	1	1	27	1	—	88	—	—	—	2	—	—	—	—	02
B. A. 2nd Yr.	37	03	—	07	—	—	47									
Dewan Abdul Ghani College																
B. A. 1st Yr.	23	06	—	25	04	—	—	—	—	—	—	—	—	—	—	N.A.
B. A. 2nd Yr.	09	03	—	03	—	—	—	—	—	—						
Gangarampur College																
B. A. Pt–I B. Sc./B. Com.	369	92	15	181	21	05	683	—	—	—	09	04	01	—	03	17
Mekhliganj College																
B. A. 1st Yr.	14	37	03	11	10	—	75	—	—	—	—	—	—	—	N.A.	N.A.
Cooch Behar College																
B. A. 1st Yr.	140	43	01	67	13	01	265									
B. A. 2nd Yr.	127	40	01	84	19	—	27									
B. A. Pt–I	18	08	—	35	05	—	66	306	202	66%	13	05	02	—	—	20
B. A. Pt–II	05	01	—	15	01	—	22									
B. Com. 1st Yr.	112	19	01	06	—	—	138									
B. Com. 2nd Yr.	120	20	—	10	01	—	151									
B. Com. Pt–I	20	04	—	01	—	—	25									
B. Com. Pt–II	25	04	—	01	—	—	30									

	B			G			Total	Exam. result		%	No. of Teachers					
	G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Alipurduar College																
B. A./B.Sc. Pt–I	—	—	—	—	—	—	—	331	248	75%						
B. Com.																
B. A./B. Sc. Pt–II	—	—	—	—	—	—	—	253	162	64%	33	05	01	—	12	51
B. Com.																
B. A./B. Sc. Pass	—	—	—	—	—	—	—	832	289	35%						
B. Com.								(1995)								
Sukanta Mahavidyalaya																
B. Com. (P)								336	256	76%	12	01	—	—	—	13
B. Com. Pt–I																
B. Com. Pt–II (1995-96)																
South Malda College																
B. A. 1st yr.	28	3	—	6	—	—	37	—	—	—	4	—	—	—	—	4
B. A. Pt–1	31	2	—	9	1	—	43	N.A.	N.A.	—						
Tufangunj Mahavidyalaya																
B. A. 1st Yr.	79	60	2	97	54	—	292	—	—	—						
B. A. Pt–I	39	34	2	36	27	—	138	206	98							
B. A. Pt–II	4	10	1	3	10	15	43	—	—	—	15	3	1	—	—	18
B. Sc. 1st Yr.	10	12	1	—	1	—	24	—	—	—						
B. Sc. Pt–I	14	7	—	2	—	—	23	20	5							
B. Sc. Pt–II	5	3	—	7	1	—	16	16	15							
B. Com. 1st Yr.	8	2	—	—	—	—	10	—	—	—						
B. Com. Pt–I	10	1	—	—	—	—	11	16	3							
Shaheed Khudiram College																
B.A. 1st Yr.	7	20	2	30	13	1	73	—	—	—	3	1	1	—	—	5
B. A. Pt–I	25	27	2	16	5	3	78	—	—	—						

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Kurseong College																	
B. A.	1st Yr. & Pt–I	85	3	8	75	5	5	178	496	294		13	7	3	1	—	
B. Sc.	1st Yr. & Pt–I	13	1	—	5	—	1	20	—	—	—						
B. Com.	1st Yr. & Pt–I	12	2	—	10	—	2	26	—	—	—						
B. A.	Pt–II	3	2	—	15	—	1	21	—	—	—						
Prasannadeb Women's College																	
B. A.	1st yr.				361	129	22	512	—	—	—						
B. A.	Pt–I				397	106	19	522	N.A.	N.A.	—	2	25	—	—	—	27
B. Sc.	1st Yr.				26	8	—	34	—	—	—						
B. Sc.	Pt–I				64	9	2	75	N.A.	N.A.	—						

BURDWAN UNIVERSITY

Ranigunj Girls' College																	
B. A.	Pt–I	—	—	—	402	22	6	430	315	193		4	13	—	—	—	17
B. Sc.	Pt–I	—	—	—	71	3	1	75	36	25							
Govt. College of Education, Burdwan																	
B. Ed.		11	3	2	3	3	—	22	22	22		10	—	—	—	—	10
Kabi Nazrul College																	
B. A.	1st yr.	80	13	—	57	1	—	151									
B. A.	Pt–I	57	3	—	22	1	—	83	67	38		5	1	—	—	—	6
B. Com.	1st Yr.	12	1	—	3	—	—	16									
B. Com.	Pt–I	14	1	—	—	—	—	15	11	6							
Birbhum Mahavidyalaya																	
B. A.	1st Yr.	81	22	10	58	9	—	180									
B. A.	Pt–I	32	10	—	29	8	—	79	112	89		12	—	—	—	—	12
B. A.	Pt–II	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	89	—	—							

		B			G			Total	Exam. result		%	No. of Teachers					
		G	SC	ST	G	SC	ST		Appeared	Pass		M	W	SC	ST	Vacancy	Total
Gobinda Prasad Mahavidyalaya																	
		262	42	9	113	12	—	438	140	103		6	1	—	—	—	7
Aghore Kamini P. C. Mahavidyalaya																	
B. A.	1st Yr.	209	26	2	85	4	—	326	N.A.	N.A.							
B. A.	Pt–I	221	49	1	123	3	—	397	N.A.	N.A.							
B.A.	Pt–II	81	4	—	30	2	—	107	N.A.	N.A.							
B. Sc.	1st Yr.	66	2	—	2	—	—	70	N.A.	N.A.		25	2	1	—	—	28
B. Sc.	Pt–I	23	—	—	3	—	—	26	N.A.	N.A.							
B. Sc.	Pt–II	8	—	—	2	—	—	10	N.A.	N.A.							
B. Com.	1st Yr.	111	2	—	1	—	—	114	N.A.	N.A.							
B. Com.	Pt–II	52	3	—	—	—	—	55	N.A.	N.A.							
Sarat Chandra College																	
B. A.	1st Yr.	94	12	6	68	3	4	187	—	—	—						
B. A.	Pt–I	63	25	—	62	6	3	159	251	188							
B. A.	Pt–II	4	—	—	11	—	—	15	8	7							
B. Sc.	1st Yr.	46	3	—	3	17	—	69	—	—	—						
B. Sc.	Pt–I	32	3	2	11	1	—	49	40	32							
B. Sc.	Pt–II	6	—	—	3	—	—	9	14	10							
B. Com.	1st Yr.	44	10	1	3	—	—	58	—	—	—						
B. com.	Pt–I	22	1	3	2	—	—	28	63	35							
Barjora College																	
B. A.	1st Yr.	154	27	2	81	13	1	278	212	100		4	1	—	—	—	5
B. A.	Pt–I	131	17	—	104	7	—	259	—	—							

APPENDIX—VI

STATE BOOK BOARD

List Publications since 1994-95

NAME OF SUBJECT	1994-95	1996-97	1997-98
Agriculture	20	20	28
Botany	09	11	15
Commerce	03	03	02
Chemistry	10	10	15
Defence Studies	06	06	07
Economics	20	21	22
Folk Literature	11	11	N.A.
Geography	05	05	08
Geology	09	09	17
History	42	44	70
Journalism	08	09	10
Law	02	02	03
Lib. Science	02	03	04
Literature	42	42	52
Mathematics	20	21	22
Music	02	02	02
Philosophy	38	51	83
Political Science	42	42	77
Physiology & Medical	21	18	23
Physics	24	26	38
Psychology	01	08	11
Science	60	60	66
Statistics	04	04	04
Sanskrit	21	09	09
Technology	06	06	06
Teachers' Training	23	23	29
Zoology	15	15	17
Miscellaneous	—	—	03
Periodicals	—	—	68

APPENDIX—VII

UNIVERSITY GRANTS COMMISSION

LIST OF FAKE UNIVERSITIES (As on March, 1995)

1. Maithili University/Vishwavidyalay, Darbhanga, Bihar.
2. Mahila Gram Vidyapith/Vishwavidyalaya, (Women's University) Prayag, Allahabad (U.P.).
3. Varnaseya Sanskrit Vishwavidyalaya, Varanasi (U.P.).
4. Commercial University Ltd., Darya Ganj, Delhi.
5. Indian Education Council of U. P., Lucknow (U.P.).
6. Gandhi Hindi Vidyapith, Prayag, Allahabad (U.P.).
7. National University of Elector Complex Homeopathy, Kanpur.
8. Netaji Subhash Chandra Bose Universtiy (Open University) Achaltal, Aligarh (U.P.).
9. Shrimati Mahadevi Verma Open University, Mughal Sarai, (U.P.).
10. D.D.B. Sanskrit University, Putur, Trichi, Tamil Nadu.
11. Bharatiya Siksha Parishad (U.P.) Open Vishwavidyalaya, Lucknow (U.P.).
12. Arya University, Srinagar (J & K).
13. St. John's University, Kishanattam, Kerala.
14. National University, Nagpur.
15. United Nations Universtiy, Delhi.
16. Vocational University, Delhi.
17. Uttar Pradesh Vishwavidyalaya.
18. Maharana Pratap Shiksha Niketan Vishwavidyalay, Pratapgarh (U.P.).
19. Raja Arabic Universtiy, Nagpur.
20. Urdu University, Motia Park, Bhopal.

APPENDIX—VIII

UNIVERSITY GRANTS COMMISSION

VOCATIONAL SUBJCTS

SUBJECT-WISE DISTRIBUTION OF COURSES

SL. NO.	NAME OF THE VOCATIONAL SUBJECT	NO. OF INSTITUTIONS COVERED			
		UNIVERSITIES		COLLEGES	
		94-95	95-96	94-95	95-96
1.	Functional Hindi	8	1	24	9
2.	Functional Sanskrit	4	1	2	3
3.	Communicative English	6	4	43	36
4.	Archaeology & Museology	5	1	3	1
5.	Principles & Practices of Insurance	1	—	3	4
6.	Actuarial Science	—	—	1	—
7.	Office Management & Secretarial Practices	5	—	28	22
8.	Tax Procedures & Practices	2	1	35	21
9.	Foreign Trade Procedures & Practices	1	—	12	6
10.	Tourism & Travel Management	7	1	35	8
11.	Advertisement, Sales Promotion & Sales Management	7	—	34	13
12.	Computer Applications	10	1	63	53
13.	Industrial Chemistry	2	—	15	17
14.	Food Science & Quality Control	2	1	9	9
15.	Clinical Nutrition & Dietetics	1	—	10	10
16.	Industrial Micro-Biology	5	1	9	2
17.	Bio-Technology	—	—	12	10
18.	Biological Techniques & Specimen Preparation	1	—	5	1
19.	Seed Technology	2	—	7	3
20.	Sericulture	1	1	11	14
21.	Industrial Fish & Fisheries	1	1	10	4
22.	Instrumentation	2	1	6	2
23.	Optical Instrumentation	—	—	—	1
24.	Geo-Exploration & Drilling Technology	—	—	3	2
25.	Mass Communication & Video Production	—	2	2	2
26.	Still Photography & Audio Production	—	1	3	1
27.	Electronic Equipment Maintenance	2	—	15	5
28.	Computer Maintenance	—	1	8	5
29.	Electrical Equipment Maintenance	1	—	1	—

(Table—Contd.)

SL. NO.	NAME OF THE VOCATIONAL SUBJECT	NO. OF INSTITUTIONS COVERED			
		UNIVERSITIES		COLLEGES	
		94-95	95-96	94-95	95-96
30.	Environment & Water Management	1	—	1	3
31.	Rural Technolgy	2	—	—	—
32.	Automobile Maintenance	—	—	—	—
33.	Refrigeration & AC Maintenance	—	—	—	—
34.	Construction Tech. Management	—	—	—	—
35.	Manufacturing Process	—	—	1	—

MODEL ACADEMIC CALENDER FOR THE UNIVERSITIES AND COLLEGES

On the recommendation of the Central Advisory Board of Education, the UGC with the help of a Committee formulated Model Academic Calender accepted by the Commission was Circulated to all the Universities/ Institutions in July, 1989.

The UGC guidelines provide that the following could be considered as a model academic calender for the first degree students for suitable adoption by the Universities in a State :

—	1st Monday of July	:	Beginning of academic session for the second and third year students.
—	3rd Monday of July	:	Beginning of academic session for the first year students.
—	14th August	:	Last date for admissions.
—	15th May (next year)	:	All examinations are completed.
—	30th June (next year)	:	Declaration of all results.

Besides, as per UGC regulations on minimum standards for grant of first degree, the number of working days in every university enrolling the students for the first degree course shall not be less than180 days in the academic year. The UGC Regulations also provide that every university shall furnish information in this regard to the UGC within 60 dyas of the close of the academic year.

The above provisions were made mandatory vide UGC regulations, issued on 25th November, 1985.

LIST OF VOCATIONAL SUBJECTS

SL. NO.	DISCIPLINE AREA	NAME OF THE VOCATIONAL SUBJECT
(i)	Arts, Humanities and Socal Sciences	1. Functional Hindi
		2. Functional Sanskrit
		3. Communicative English
		4. Archaeology & Museology
(ii)	Commerce, Economics and Management	5. Principles & Practices of Insurance
		6. Acturial Science
		7. Office Management & Secretarial Practices
		8. Tax Procedures & Practices
		9. Foreign Trade Procedures & Practices
		10. Tourism & Travel Management
		11. Advertisement, Sales Promotion & Sales Management
		12. Computer Applications

(Table—Contd.)

SL. NO.	DISCIPLINE AREA		NAME OF THE VOCATIONAL SUBJECT
(iii)	Sciences	13.	Industrial Chemistry
		14.	Food Science & Quality Control
		15.	Clinical Nutrition & Dietetics
		16.	Industrial Micro-Biology
		17.	Bio-Technology
		18.	Biological Techniques & Specimen Preparation
		19.	Seed Technology
		20.	Sericulture
		21.	Industrial Fish & Fisheries
		22.	Instumentation
		23.	Optical Instumentation
		24.	Geo-Exploration & Drilling Technology
		25.	Mass Communication & Video Production
		26.	Still Photography & Audio Production
(iv)	Enginering and Technology	27.	Electronic Equipment Maintenance
		28.	Computer Maintenance
		29.	Electrical Equipment Maintenance
		30.	Environment & Water Management
		31.	Rural Technology
		32.	Automobile Maintenance
		33.	Refrigeration & AC Maintenance
		34.	Construction Tech. Management
		35.	Manufacturing Process

VOCATIONAL SUBJECTS

STATE-WISE DISTRIBUTION OF COURSES

SL. NO.	NAME OF THE STATE / UT	NO. OF INSTITUTIONS COVERED			
		UNIVERSITIES		COLLEGES	
		94-95	95-96	94-95	95-96
1.	Andhra Pradesh	—	2 (4)	19 (38)	11 (15)
2.	Assam	—	—	8 (20)	6 (6)
3.	Bihar	—	—	6 (16)	14 (21)
4.	Chandigarh	—	—	3 (8)	—
5.	Delhi	—	—	16 (16)	3 (3)
6.	Goa	—	—	2 (5)	1 (2)

(Table—Contd.)

SL. NO.	NAME OF THE STATE / UT	NO. OF INSTITUTIONS COVERED			
		UNIVERSITIES		COLLEGES	
		94-95	95-96	94-95	95-96
7.	Gujarat	1 (5)	1 (5)	6 (14)	15 (21)
8.	Haryana	1 (5)	—	7 (15)	4 (6)
9.	Himachal Pradesh	—	—	3 (6)	4 (5)
10.	Jammu & Kashmir	—	—	—	5 (7)
11.	Karnataka	1 (5)	—	16 (30)	16 (20)
12.	Kerala	—	—	5 (9)	9 (14)
13.	Madhya Pradesh	—	—	17 (34)	8 (9)
14.	Maharashtra	1 (5)	—	23 (54)	28 (46)
15.	Orissa	—	—	7 (18)	5 (6)
16.	Punjab	1 (2)	—	4 (9)	5 (9)
17.	Rajasthan	1 (5)	—	15 (30)	4 (5)
18.	Tamil Nadu	2 (6)	—	15 (38)	9 (12)
19.	Uttar Pradesh	9 (38)	3 (9)	7 (20)	28 (35)
20.	West Bengal	—	2 (2)	11 (29)	12 (14)
21.	Arunachal Pradesh	—	—	—	1 (1)
22.	Tripura	—	—	—	1 (2)
23.	Pondicherry	—	—	—	1 (2)
24.	Meghalaya	—	—	—	1 (2)

NB: 1. The above list does not include State/Uts which have not yet been covered under the programme.
2. Figures in brackets indicate the number of vocational subjects allotted.

APPENDIX—IX

DETAILS OF JAGADIS BOSE NATIONAL SCIENCE TALENT SEARCH SENIOR SCHOLARSHIP WINNERS

NAME	PREVIOUS INSTITUTION	UNDER-GRADUATE INSTITUTION	CURRENT AFFILIATION
	1996-97		
1. PALLAB BASU	Baranagar Narendranath Vidyamandir, Calcutta	Jadavpur University	
2. AKSHAT VERMA	Delhi Public School, Mathura	IIT, Khargpur	
3. SOMENATH CHATTERJEE	Jodhpur Park Boys' School, Calcutta	Medical College, Calcutta	
4. ANUPAM DUTTA	Cotton College,, Guwahati	IIT, Kharagpur	
5. NIRVEEK BHATTACHARJEE	Kendriya Vidyalaya, Kharagpur	IIT, Kharagpur	
6. ANSHU DWIVEDI	Kendriya Vidyalaya, Salt Lake	Presidency College, Calcutta	
7. AMIT KUMAR MATHUR	Delhi Public School, Bokaro Steel City	IIT, Kharagpur	
8. SANTASHIL PAL CHAUDHURI	Kendriya Vidyalaya, Kharagpur	IIT, Kharagpur	
9. INDRAJIT DATTA	Kendriya Vidyalaya, Cossipore, Calcutta	IIT, Kharagpur	
10. DEBANJAN MUKHERJEE	R. K. Mission College, Narendrapur	IIT, Kharagpur	
11. TATHAGATO RAI DASTIDAR	St. Xavier's College, Calcutta	IIT, Kharagpur	
12. JISHNU BHATTACHARJEE	Shishu Bihar H.S. School, Agartala	IIT, Kharagpur	
	1995-96		
1. KUMAR SOURABH	Nazareth Academy, Gaya, Bihar	IIT, Kharagpur	
2. SAGARJYOTI CHAKI	St. Xavier's College, Calcutta	Do	
3. AMIT SAHA	Don Bosco Shcool, Calcutta	Presidency College	
4. DEBOJYOTI DUTTA	St. Xavier's College, Calcutta	IIT, Kharagpur	
5. ITESHAN HYDER CHOWDHURI	Cotton College, Guwahati, Assam	Do	
6. ANIRBAN DASGUPTA	South Point School, Calcutta	Do	
7. SWAROOP GANGULY	Bidhan Chandra Institution, Durgapur	Do	
8. SAPTARSHI BHATTACHARYA	St. Lawrence High School, Calcutta	Medical College	
9. MALLIKA DHAR	Nabagram Hiralal Paul College, Hooghly	Serampore College, Hooghly	
10. S. SRINIVASH RAGHAVAN	Sharada Vilas School, Mysore	IIT, Kharagpur	
11. SUBHRANGSU ADITYA	Jadavpur Vidyapith, Calcutta	N. R. S. Medical College	
	1994-95		
1. DEBRAJ CHAKRABARTI	Hijli High School, Kharagpur	IIT, Kharagpur	
2. ANANYA SEN GUPTA	South Point High School, Calcutta	Jadavpur University	
3. SUGATO BASU	Do	IIT, Kharagpur	
4. PRABUDDHA SANYAL	Do	Presidency College	
5. SHRANIK SENGUPTA	Deepika English Medium School. Rourkela, Orissa	IIT, Kharagpur	
6. ROHIT SINGH	Mount St. Mary's School, Delhi	Do	
7. RANJOY MIRTA	Bidhannagar Govt. H. S. School, Calcutta	ISI, Calcutta	
8. KANIKSHKA LAHIRI	Clacutta Boys School, Calcutta	IIT, Kharagpur	
9. DEYALI BANERJEE	Bhavan's Gungabux Kanoria Vidyamandir, Salt Lake, Calcutta	Medical College	
10. KOUSHIK KUMAR DAS	Hijli High School, Kharagpur	IIT, Kharagpur	
11. SOUMAVA DAS	St. Xavier's College, Calcutta	Gurudas College, Calcutta	
12. ANIRBAN SETT	Scottish Church College, Calcutta	IIT, Kharagpur	

(Table—Contd.)

NAME	PREVIOUS INSTITUTION	UNDER-GRADUATE INSTITUTION	CURRENT AFFILIATION
1993-94			
1. KRISHANU MAULIK	St. Lawrence High School, Calcutta	ISI, Calcutta	
2. PRABHANJAN M.	St. Philomena College, Puttur, Karnataka	IIT, Kharagpur	
3. PRAGYANA K. MISHRA	Kendriya Vidyalaya, IIT, Kharagpur	Do	
4. NILMONY DEB	RKM Residendial College, Narendrapur	Do	
5. BARNIK CHAUDHURY	Don Bosco School, Calcutta	Medical College, Calcutta	
6. NILANJAN DASGUPTA	RKM Residential College, Narendrapur	IIT, Kharagpur	
7. SUBHASREE MANDAL	South Point High School, Calcutta	Do	
8. SUMANTRO RAY	Kendriya Vidyalaya, Nagpur, Maharastra	Do	
9. MOUMITA BAGCHI	Ka Martiniere for Girls, Calcutta	Medical College	
10. ABHISHEK NIGAM	Kendriya Vidyalaya, IIT, Kharagpur	IIT, Kharagpur	
11. ANIRUDDHA MITRA	Do	Do	
12. ANIRBAN BANERJEE	St. Xavier's College, Calcutta	Jadavpur University	
1992-93			
1. SAIKAT MUKHOPADHYAY	RKM Residential College, Narendrapur	Medical College, Calcutta	
2. MITHNA T.S.	National College, Bangalore	IIT Kharagpur	Duke Univeristy, USA
3. SATYAKI DAS	Hindi high School, Calcutta	Do	Stanford University USA
4. DEBASHIS SAHA	Bhavans Gangabux Kanoria Vidyamandir, Salt Lake, Calctutta	Do	Massachuestts Institute of Technology USA
5. ABDUL SHAMEER	Our Own English High School, Ajam, UAE	Do	—
6. ADITI MAJUMDER	South Point High School, Calcutta	Jadavpur University	University of North Carolina, USA
7. KAUSHIK CHAKRABARTY	St. Xavier's College, Calcutta	IIT Kharagpur	University of Ilinois at Urbana Champaign, USA
8. ANIRUDDHA GANGULY	Maulana Azad College, Calcutta	Do	Tata Information System, Bangalore
1991-92			
1. SANTANU SINHA	Kendriya Vidyalaya, Kharagpur	IIT, Kharagpur	University of Texas at Austin, USA
2. ASHIS MITTTAL	Do	Do	Indian Institute of Management, Ahmedabad
3. PEEYUSH RANJAN	B. P. School, Pilani	Do	Purdue University, USA
4. PAMARTI SUKHAKAR	Sri Krishna Vidyamandir, Viskhapatnam	Do	Hughes Software Systems, Gurugaon Harayana
5. ROSHMI GUPTA	Southh Point High School, Calcutta	Medical College, Calcutta	Medical College, Calcutta
6. CHAYAN KUMAR SEAL	St. Joseph College, Calcutta	IIT, Kharagpur	University of Texas at Austin, USA
7. VIJAY ANAND PANDEY	La Martiniere For Boys, Calcutta	Do	University of California, Daavis, USA
8. SOUMYA JANA	RKM residential College, Narendrapur	Do	Indian Institute of Science, Bangalore
9. BHASKAR CHAKRABORTY	Do	Do	—
10. AJOY KUMAR BISWAS	Howrah Veivekananda Institution, Howrah	Medical College, Calcutta	Medical College, Calcutta
1990-91			
1. ARCHISMAN RUDRA	St. Xavier's College, Calcutta	IIT, Kharagpur	New Yoork University, USA
2. YASHOWANTO NARAYAN GHOSH	De Nabili School, Dhanbad	ISI, Calcutta	Purdue University, USA
3. DEBRAG NARAYAN BANERJEE	South Point High School, Calcutta	IIT, Kharagpur	University of Tennessee, USA
4. KANTIMOY DASGUPTA	St. Lawrence School, Calcutta	Presidency College, Calcutta	Indian Institute of Science, Bangalore
5. VASUDEVAN MURTHY	Kendriya Vidyalaya, Bhandara	IIT, Kharagpur	C-DOT, Bangalore
6. CHAMPAK DAS	Calcutta Boys School, Calcutta	Do	Florida International University, USA

(Table—Contd.)

NAME	PREVIOUS INSTITUTION	UNDER-GRADUATE INSTITUTION	CURRENT AFFILIATION
7. NARENDRA C. TULPULE	Parie Colege, Mumbai	IIT, Kharagpur	University of North Carolina, USA
8. VIKAS AGARWAL	St. Xavier's College, Calcutta	Jadavpur University	—
9. SAIKAT BANDYOPADHYAY	Kendriya Vidyalaya, Ichhapur	IIT, Kharagpur	Inter Software & Technology (I) Pvt. Ltd. U.P.
10. O. KIRAN REDDY	Hyderabad Public School, Hyderabad	IIT, Kharagpur	IIT, Madras
	1989-90		
1. SUPRATIK CHAKRABORTY	S. E. Railway Mixed H. S. School, Kharagpur	IIT, Kharagpur	Stanford University, USA
2. KOUSHIK ROY	South Point School, Calcutta	Do	Production Modelling Corp. USA
3. MANOJPRATIM SAMANTA	RKM Residentail College, Narendrapur	Do	Purdue University, USA
4. ARCHAN MISRA	Don Bosco School, Calcutta	Do	University of Maryland, USA
5. SITABHAR SINHA	Patha Bhavan, Calcutta	St. Xaviers College, Calcutta	ISI ,Calcutta
6. BISWARUP GUHA	RKM Residentail College, Narendrapur	IIT Kharagpur	Universtiy of California at Davis, USA
7. GAUTAM GHOSH	St. Lawrence School, Calcutta	IIT, Kharagpur	Inter Software & Technology (I) Private Ltd., U.P.
8. SUJIT KUMAR SINHA	Don Bosco School, Bandel	Medical College, Cal.	Medical College, Calcutta
9. APURVA KRISHNA SIRCAR	South Point School, Calcutta	IIT Kharagpur	—
10. KOLLOL KUMAR DE	RKM Residential College, Narendrapur	NRS Medical College, Calcutta	SSKM Hospital, Calcutta
	1988-89		
1. BISWADEEP NAG	Calcutta Bouys' School, Calcutta	Jadavpur University, Calcutta	University of Wisconsin, Madison, USA
2. ARKENDU SEN	Do	NRS Medical College, Calcutta	Medical College, Calcutta
3. RAJARSHI ROY	Hindu School, Calcutta	Jadavpur University, Calcutta	Polytechnic University. New York, USA
4. MINOCHER BATTIWALLA	St. Xavier's College, Calcutta	Medical College, Calcutta	Indian University Medical Centre, Indianapolis
5. PRASENJIT SARKAR	Do	IIT, Kharagpur	University of Arizone-Tuscan, USA
6. ANIRUDDHA SINHA	Bidhan Chandra Institution, Durgapur	Do	INDAL, Howrah
	1987-88		
1. SOUMEN CHAKRABARTI	Don Bosco School, Calcutta	IIT Kharagpur	Universtiy of California, Berkeley, USA
2. INDRAJIT MANNA	St. Xavier's College, Calcutta	Do	University of Taxas, Austin, USA
3. SUPRAKASH DUTTA	Clcutta Boys' School, Calcutta	Do	University of Massachusetts, USA
4. MADIRAKSHI DAS	La Martinier Girls' School, Calcutta	Do	University of Masschusetts, USA
5. SUNITA SARAWAGI	FM ollege, Orissa	Do	Universtiy of California, Berkeley, USA
6. RUDRA DUTTA	St. Lawrence High School, Calcutta	Jadavpur University, Calcutta	IBM, USA
7. SUGATA BASU	Calcutta Boys' School, Calcutta	IIT, Kharagpur	New York University, USA
8. RAJARSHI MUKHOPADHYAY	Kendriya Vidyalaya, Barrackpore	RG Kar Medical College	—
9. SANDEEP KUMAR SHUKLA	St. Xavier's College, Calcutta	Jadavpur University	State University of New York., Albany, USA
10. UDDALAK BHATTACHARYA	Kendriya Vidyalaya, Kharagpur	IIT, Kharagpur	University of California at Santa Barbara, USA
11. DEBABRATA MUKHERJEE	St. Joseph College, Calcutta	Do	Renseelaaer Polytechnic Insititute, USA
12. SURYADIPIA DATTA	St Xavier's College, Calcutta	Jadavpur University, Calcutta	CMC Limited, Calctutta

S.C.E.R.T. West
Library
Calcutta
21, B. C. Road

Second Campus, College of Leather Technology, Salt Lake, Calcutta